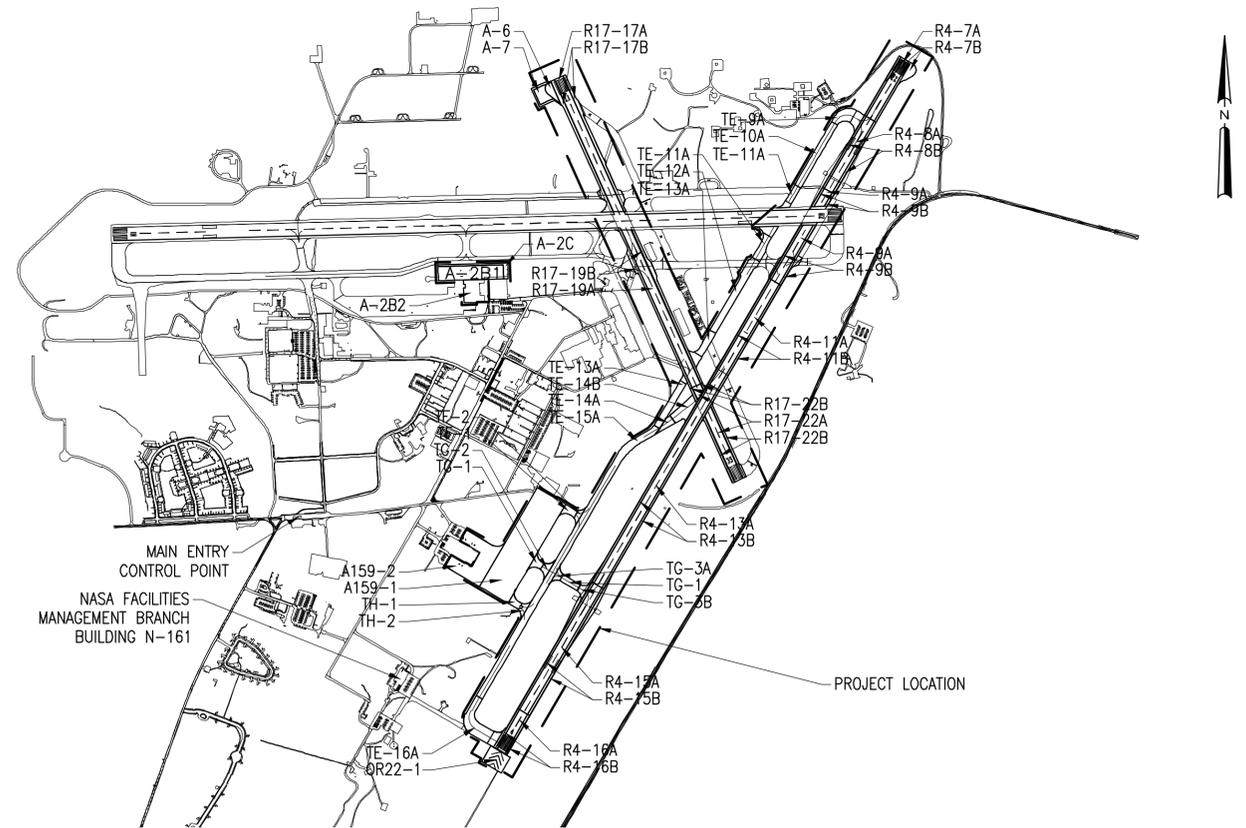
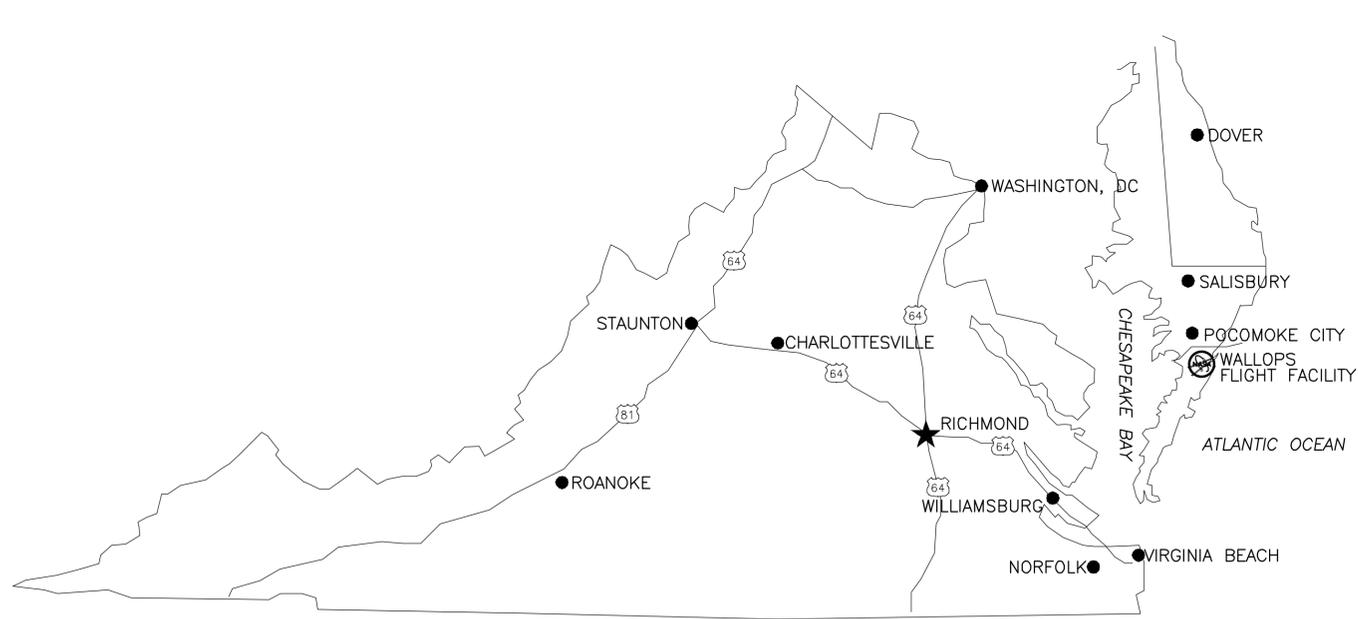


WALLOPS AIRFIELD REPAIR PROJECT, CoF PHASE I

(A-2B1, 2B2, 2C, 6, 7, A159-1, 2, OR22-1, R4-7A, 7B, 8A, 8B, 9A, 9B, 11A, 11B, 13A, 13B, 15A, 15B, 16A, 16B, R17-17A, 17B, 19A, 19B, 22A, 22B, TE-9A, TF-1, 2, TG-1, 2, 3A, 3B, TH-1, 2, TE-10A, 11A, 12A, 13A, 14A, 14B, 15A, AND 16A)

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 GODDARD SPACE FLIGHT CENTER
 WALLOPS FLIGHT FACILITY
 WALLOPS ISLAND, VIRGINIA



A VICINITY MAP
 NTS

B LOCATION MAP
 1" = 1000'

G-001

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GODDARD SPACE FLIGHT CENTER WALLOPS FLIGHT FACILITY WALLOPS ISLAND, VIRGINIA 23337		DATE	LET.	REVISIONS	CK.	AP.	PROJECT ENGINEER	NASA SAFETY	CONSTRUCTION MANAGEMENT	ENGINEERING APPROVAL	GRAPHIC SCALE	WALLOPS AIRFIELD REPAIR PROJECT CoF PHASE I COVER SHEET		
		SUBMITTED BY		PROJECT MANAGER		FIRE PROTECTION	O & M	BRANCH APPROVAL	BRANCH HEAD	SCALE	PROJECT NUMBER: 1368232		DRAWING NO.	
AUTOCAD - RELEASE 2010 FILE NAME: ...1368232-G-0												DR. STH CK. LMH	DATE: REVISED:	17188

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G-002

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
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 WALLOPS FLIGHT FACILITY
 WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
 SUBMITTED BY
 PROJECT MANAGER

NASA SAFETY
 FIRE PROTECTION

CONSTRUCTION MANAGEMENT
 O & M

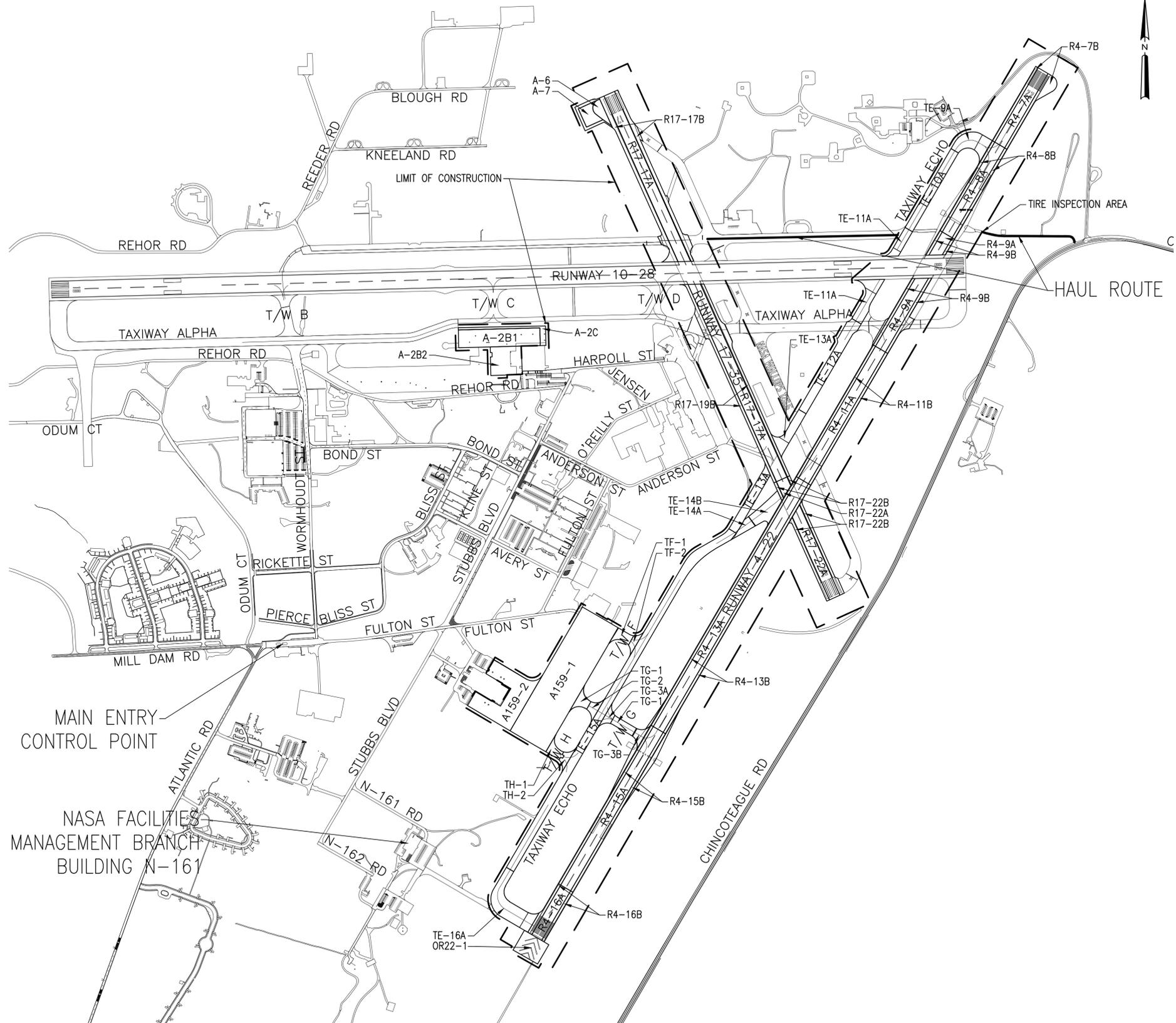
ENGINEERING APPROVAL
 ENGINEERING GROUP LEADER
 BRANCH APPROVAL
 BRANCH HEAD

GRAPHIC SCALE
 1" = 1000'
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WALLOPS AIRFIELD REPAIR PROJECT
 CoF PHASE I
INDEX OF DRAWINGS

PROJECT NUMBER: 1368232
 DR. STH
 CK. LMH

DRAWING NO.
17189



A HAIL ROUTE
1" = 500'

GENERAL NOTES

1. ALL DIMENSIONS ARE IN FEET (FT) AND INCHES (INCH).
2. ITEMS OF NEW WORK INDICATED ON SCHEDULE WERE OBTAINED BY FIELD SURVEY. FIELD VERIFY EXACT LOCATION OF REPAIR ITEMS AND OBTAIN CONCURRENCE OF LOCATION WITH THE CONTRACTING OFFICER PRIOR TO BEGINNING WORK.
3. FIELD VERIFY EXACT LOCATION OF UNDERGROUND UTILITY PRIOR TO BEGINNING CONSTRUCTION. ASSUME ALL PAVEMENTS ARE BOUND BY UNDERGROUND ELECTRIC AT MINIMUM OF 1.5 FEET BELOW EXISTING GRADE, WHETHER SHOWN OR NOT. CONTACT CONTRACTING OFFICER TECHNICAL REPRESENTATIVE 15 DAYS PRIOR TO ANY EXCAVATION.
4. COMPLY WITH THE WALLOPS FLIGHT FACILITY DIG PERMIT PROCESS. ALLOW 15 DAYS TO HAVE ANY UNDERGROUND UTILITIES LOCATED PRIOR TO EXCAVATION. HAVE THEM CONTACT THE CONTRACT OFFICER TO START THE PROCESS.
5. MAINTAIN STORM DRAINAGE DURING CONSTRUCTION. PROVIDE BYPASS OR OTHER MEANS TO MAINTAIN SYSTEM FUNCTIONALITY. DO NOT ALLOW SEDIMENT TO ENTER SYSTEM DURING DEMOLITION AND CONSTRUCTION.
6. USE CAUTION PERFORMING WORK AROUND LIGHTS AND ADJACENT PAVEMENT TO REMAIN. CONTRACTOR IS RESPONSIBLE FOR REPAIR OR REPLACEMENT OF DAMAGED ITEMS TO THE SATISFACTION OF THE CONTRACTING OFFICER.
7. RUNWAY 10-28, TAXIWAY ALPHA AND HANGAR D-2 APRON MUST REMAIN ACTIVE DURING CONSTRUCTION.
8. AIRCRAFT OPERATIONS MUST HAVE THE RIGHT OF WAY AT ALL TIMES.
9. PROVIDE EROSION AND SEDIMENT CONTROL, FOD (DEBRIS) CONTROL, AND TRAFFIC CONTROL MEASURES AS INDICATED.
10. PROVIDE AND BE RESPONSIBLE FOR MAINTAINING ALL NECESSARY EROSION AND SEDIMENT CONTROL PLANS AND PERMITS.
11. UTILIZE WATER TO CONTROL DUST AS NECESSARY.
12. ALL CONSTRUCTION EQUIPMENT, PERSONNEL, AND SUPPLIERS MUST STAY WITH IN THE DESIGNATED CONSTRUCTION LIMITS, STAGING AREAS OR HAUL ROUTES UNLESS APPROVED BY THE CONTRACTING OFFICER. CONSTRUCTION LIMITS ARE DEFINED AS A RADIUS OR OFFSET OF 25' ON TURF AND 15' ON PAVEMENT FROM ANY REQUIRED WORK FEATURE.
13. COORDINATE WITH CONTRACTING OFFICER OF ANY RUNWAY OR TAXIWAY CLOSURES. PROVIDE NOTIFICATION TO THE CONTRACTING OFFICER A MINIMUM OF 48 HOURS PRIOR TO REQUIRING ANY SECTION OF A RUNWAY OR TAXIWAY TO BE CLOSED.
14. APPROPRIATE NOTAMS WILL BE ISSUED BY THE AIRFIELD MANAGER FOR ALL RUNWAY AND TAXIWAY CLOSURES.
15. ALL CONTRACTOR PERSONNEL OPERATION VEHICLES SHALL COMPLETE THE WALLOPS FLIGHT FACILITY DRIVERS TRAINING PROGRAM PRIOR TO COMMENCING AND CONSTRUCTION ACTIVITY ON THE FLIGHT LINE.
16. CROSSING AN ACTIVE RUNWAY WILL BE PERMITTED BUT MUST BE COORDINATED THROUGH THE TOWER. THE CONTRACTOR MUST BE PROVIDED BASE RADIOS FOR COMMUNICATION WITH THE TOWER.
17. MUST MONITOR THE NASA WALLOPS RADIO FREQUENCY CONTINUOUSLY WHEN WORKING ON THE AIRFIELD.
18. ALL MATERIALS ARE NEW UNLESS INDICATED AS EXISTING.
19. LAYDOWN/STAGING AREA IS WITHIN 1000 FEET OF NEW WORK. CONTRACTING OFFICER WILL DEFINE LAYDOWN/STAGING AREA AND HAUL ROUTES AT PRE-CONSTRUCTION MEETING.

GENERAL NOTES (CONTINUED)

20. ANY DISCREPANCY BETWEEN THESE DRAWINGS AND THE ACTUAL FIELD CONDITIONS MUST BE BROUGHT TO THE ATTENTION OF THE CONTRACTING OFFICER BEFORE COMMENCING WORK.
21. PRIVATELY OWNED VEHICLE PARKING WILL BE DESIGNATED BY CONTRACTING OFFICER.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ALL NASA ROADS AND INFRASTRUCTURE THAT IS DAMAGED OR DEGRADED BY THE CONTRACTOR DURING THIS PROJECT.

GENERAL WORK NOTES

1. PROVIDE WORK AS INDICATED IN ACCORDANCE CONTRACT DOCUMENTS.
2. ISOLATED REPAIRS ARE ITEMIZED ON REPAIR SCHEDULE SHEETS.
3. REESTABLISH EXISTING JOINTS IN NEW WORK AND ADJACENT TO NEW WORK, UNO FOR CONCRETE SLABS WHERE LENGTH EXCEEDS 1.5 TIMES THE WIDTH, PROVIDE JOINT AT MID LENGTH OF SLAB.
4. UPON COMPLETION OF REPAIRS (RECONSTRUCTION, RESURFACING, OVERLAYING, ISOLATED ROUTINE, ETC.), REESTABLISH EXISTING PAVEMENT MARKINGS DISTURBED. MARKING PLAN DETAILS ARE LOCATED ON MARKING DETAIL SHEETS.
5. AIRFIELD MARKINGS, MOORING EYES, AND GROUNDING POINTS THAT HAVE BEEN DISTURBED DURING CONSTRUCTION MUST BE REESTABLISHED.
6. PAVEMENT SHALL BE THOROUGHLY, CLEAN AND FREE OF ALL LOOSE MATERIALS, AND PRETREATED WITH HERBICIDE TO REMOVE ALL VEGETATION, PRIOR TO PLACEMENT OF BIT. CONCRETE, CRACK SEALING, OR APPLYING SEAL COATS.
7. REESTABLISH GRADES TO EXISTING, UNLESS NOTED OTHERWISE.
8. THOROUGHLY CLEAN ALL PAVEMENT SURFACES PRIOR TO LEAVING THE WORK SITE AT THE END OF THE WORK DAY. A POWER SWEEPER AND A VACUUM TRUCK MUST BE PROVIDED BY THE CONTRACTOR AND MUST BE ON SITE DURING CONSTRUCTION. A VACUUM TRUCK IS REQUIRED ON ALL SURFACES REQUIRING MILLING. ALL OTHER FEATURES SHALL BE CLEANED WITH A POWER SWEEPER.
9. ASPHALT CONCRETE (AC) MATERIAL WILL BE SPECIFIED AS EITHER HOT-MIX ASPHALT AIRFIELD PAVING OR WARM-MIX ASPHALT AIRFIELD PAVING.
10. EXISTING ASPHALT PAVEMENT CONTAINS A LAYER OF PAVING FABRIC APPROXIMATELY 2 TO 2.5 INCHES BELOW EXISTING GRADE.
11. CONTAMINATED SOILS HAVE BEEN IDENTIFIED IN THREE LOCATIONS. APPROXIMATE LOCATIONS ARE SHOWN ON SHEET B-100.

G-003

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
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WALLOPS ISLAND, VIRGINIA 23337



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PROJECT ENGINEER
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PROJECT MANAGER

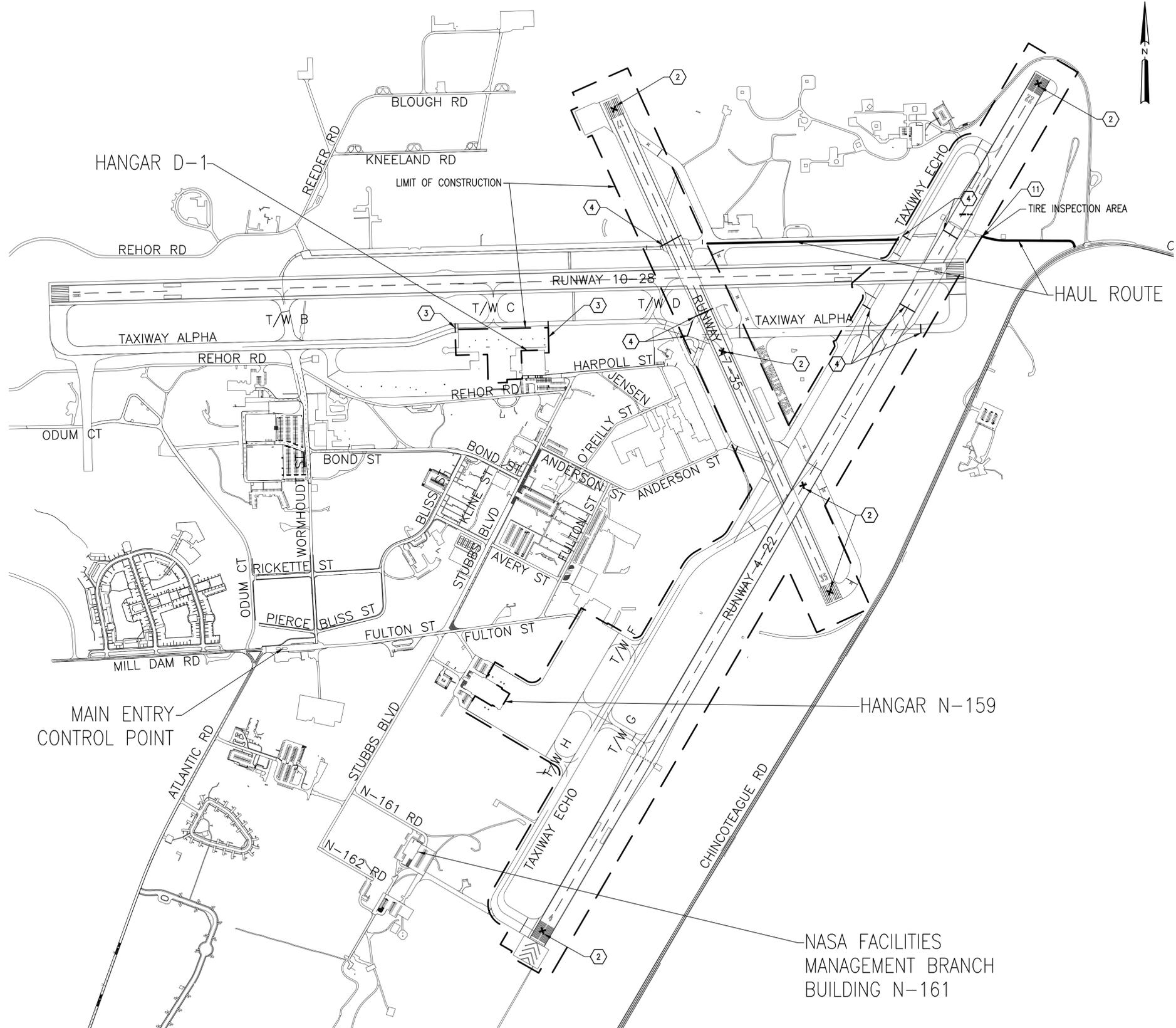
NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
1" = 500'
AUTOCAD - RELEASE 2010
FILE NAME: ...1368232-G-0

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
GENERAL NOTES AND HAUL ROUTE
PROJECT NUMBER: 1368232
DRAWING NO. 17190



RECOMMENDED SEQUENCE PRIORITIES

RUNWAY 10-28 OR RUNWAY 04-22 MUST BE OPEN AT ALL TIMES.

SEQUENCE 1:
 ITEMS: ALL WORK WITHIN 175 FEET OF RUNWAY 10-28 AND TAXIWAY ALPHA, ALL OF TAXIWAY ECHO (EXCEPT TAXIWAY GULF), TAXIWAY FOXTROT, AND TAXIWAY HOTEL.
 ACTIVE RUNWAY: RUNWAY 4-22.
 ACCESS: HANGAR N-159 TRAFFIC MUST UTILIZE TAXIWAY GULF. HANGAR D-1 TRAFFIC SHALL UTILIZE TAXIWAY ALPHA AND RUNWAY 17-35.
 NOTES: RUNWAY 10-28 AND TAXIWAY ALPHA ARE SEQUENCE PRIORITIES. RUNWAY 10-28 MAY REMAIN ACTIVE IF ALL WORK WITHIN 175 FEET OF RUNWAY 10-28 IS PERFORMED AFTER NORMAL WORKING HOURS. RUNWAY 10-28 MAY RESUME AS ACTIVE AND TAXIWAY ALPHA MAY REOPEN ONCE WORK WITHIN 175 IS COMPLETED. THIS SEQUENCE MUST NOT BE PERFORMED DURING SEQUENCE 2.

SEQUENCE 2:
 ITEMS: RUNWAY 04-22, RUNWAY 17-35, AND TAXIWAY GULF.
 ACTIVE RUNWAY: RUNWAY 10-28.
 ACCESS: HANGAR N-159 TRAFFIC SHALL UTILIZE TAXIWAY ECHO. HANGAR D-1 TRAFFIC SHALL UTILIZE TAXIWAY ALPHA.
 NOTES: THIS SEQUENCE MUST NOT BE PERFORMED DURING SEQUENCE 1.

SEQUENCE 3:
 ITEMS: APRON D-1.
 ACTIVE RUNWAY: RUNWAY 10-28 OR RUNWAY 04-22.
 ACCESS: HANGAR D-1 TRAFFIC MUST BACK TAXI ON RUNWAY 10-28 TO GAIN ACCESS TO THE 10 APPROACH.
 NOTES: AREA NORTH OF OF TAXIWAY ALPHA MOVEMENT AREA MARKINGS ARE A SEQUENCE PRIORITY. ONCE THIS AREA IS COMPLETE TAXIWAY ALPHA MAY REOPEN. THIS SEQUENCE MAY BE CONCURRENT TO SEQUENCE 1, 2, OR 4.

SEQUENCE 4:
 ITEMS: APRON N-159.
 ACTIVE RUNWAY: RUNWAY 10-28 OR RUNWAY 04-22.
 ACCESS: MAINTAIN AIRCRAFT ACCESS TO EITHER NORTH OR SOUTH SIDE OF HANGAR AT ALL TIMES.
 NOTES: THIS SEQUENCE MAY BE CONCURRENT TO SEQUENCE 1, 2, OR 3.

HAUL ACCESS AND TRAFFIC CONTROL

1. CONTRACTOR MUST ROUTE ALL PERSONNEL THROUGH MAIN GATE, MUST HAVE AIRFIELD ACCESS, AND MUST ESCORT ALL WORKERS TO AND FROM THE WORK SITE. ESCORT MUST MAINTAIN RADIO COMMUNICATION.
2. ALL HEAVY TRAFFIC, OVERSIZED TRAFFIC, AND DUMP TRUCKS MUST ACCESS THE AIRFIELD FROM PUMP HOUSE ROAD OFF OF HIGHWAY 175 AT GATE 6. THE CONTRACTOR MUST CONSTRUCT A 12 FOOT WIDE GRAVEL EYEBROW OFF OF HIGHWAY 175 TO IMPROVE VISIBILITY AND TO STORE QUEUED VEHICLES OFF OF THE HIGHWAY. CONTRACTOR MUST COORDINATE WITH VDOT FOR PERMITS TO CONSTRUCT THIS TEMPORARY EYEBROW AND TO DETERMINE IF TRAFFIC FLAGGERS ARE REQUIRED. NASA WILL PROVIDE A SECURITY GUARD TO MAN THE GATE. HAULING AND ACCESS TO PUMP HOUSE ROAD WILL ONLY BE ALLOWED MONDAY THROUGH FRIDAY FROM 0900 TO 1500 SO THAT MORNING AND AFTERNOON TRAFFIC CONGESTION IS AVOIDED.
3. HAUL TRAFFIC FOR WORK ALONG RUNWAY 17-35 WILL BE VIA ABANDONED NORTHERNMOST TAXIWAY.
4. CONTRACTOR MAY ERECT BATCH PLANT ONSITE NORTHEAST OF RUNWAY 04-22 AND RUNWAY 10-28 INTERSECTION.

FOD CONTROL NOTES

1. ALL VEHICLES, INCLUDING DUMP TRUCKS, THAT REQUIRE CROSSING A PORTION OF ACTIVE AIRFIELD MUST BE ESCORTED AND MUST PERFORM FOD CHECK PRIOR TO ENTERING THE ACTIVE AIRFIELD.
2. THE CONTRACTOR MUST PROVIDE AND UTILIZE A VACUUM TRUCK. VACUUM TRUCK MUST REMAIN ON SITE AT ALL TIMES. THE BOUNDARY OF CONSTRUCTION SITES TO ACTIVE AIRFIELD AND FOD BARRIERS MUST BE CHECKED FOR FOD MIGRATION DAILY AND CLEANED AT LEAST DAILY TO ENSURE ZERO FOD MISHAPS.

PHASED ACCESS NOTES

1. THE CONTRACTOR MUST SUBMIT A PHASING PLAN ON AN AERIAL MAP WITH THE AIRFIELD SEGMENTS LABELED FOR APPROVAL WITH THE ANTICIPATED MONTHS OF IMPACT PRIOR TO THE START OF ANY CONSTRUCTION.
2. AN ACTIVE TAXIWAY ROUTE MUST REMAIN OPEN FROM HANGAR N-159 AND HANGAR D-1 TO THE DUTY RUNWAY (EITHER RUNWAY 10-28 OR RUNWAY 04-22) AT ALL TIMES.
3. ANY WORK THAT WILL IMPACT RUNWAY 10-28 AND RESULT IN A CLOSURE CAN ONLY OCCUR BETWEEN APRIL 2016 AND JULY 2016.
4. AVAILABILITY OF AIRFIELD FOR CONSTRUCTION WILL BE SUBJECT TO SCHEDULED MISSION FLIGHTS AND WILL BE CONTINGENT ON THE DIRECTION OF AIRFIELD OPERATIONS AT ALL TIMES, THE CONTRACTOR MUST COORDINATE WITH THE CONTRACTING OFFICER.
5. NIGHT OR WEEKEND WORK MAY BE AUTHORIZED AND REQUIRED TO MEET SCHEDULE COMPLIANCE DUE TO AIRFIELD AVAILABILITY. WORK OUTSIDE OF NORMAL WORKING HOURS SHOULD BE LIMITED AS MUCH AS POSSIBLE.

A CONTROL AND PHASING PLAN
 1" = 500'

G-004

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
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 AUTOCAD - RELEASE 2010
 FILE NAME: ...1368232-G-0

WALLOPS AIRFIELD REPAIR PROJECT
 CoF PHASE I
CONTROL AND PHASING PLAN
 PROJECT NUMBER: 1368232
 DR. STH
 CK. LMH
 DATE:
 REVISED:
DRAWING NO. 17191

SURVEY NOTES

- TOPOGRAPHIC SURVEY PREPARED BY C. ALLAN BAMFORTH, JR., ENGINEER-SURVEYOR LTD., DATED OCTOBER, 2014. BASED ON FIELD WORK PERFORMED JUNE 2014, SEPTEMBER 2014, AND OCTOBER 2014.
- THE EXISTENCE, SIZE AND/OR LOCATION OF UTILITIES ARE NOT GUARANTEED BY THIS SURVEY. UTILITIES SHOWN ARE BASED ON ABOVE GROUND STRUCTURES AND AVAILABLE UTILITY PLANS. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO CONSTRUCTION.
- ELEVATIONS ARE IN FEET AND REFER TO NORTH AMERICAN VERTICAL DATUM (NAVD) 1988 AND ARE BASED ON NGS CONTROL, STATION SUE.
- COORDINATES SHOWN REFER TO VIRGINIA STATE PLANE COORDINATE SYSTEM, SOUTH ZONE (NAD 83/2011).
- COORDINATES AND ELEVATIONS SHOWN ARE IN US. SURVEY FEET.
- POINT NAME: SUE
 NORTHING: 3,878,903.08
 EASTING: 12,357,922.86
 ELEVATION: 33.43
 DESCRIPTION: STAINLESS STEEL ROD IN SLEEVE

EXISTING UTILITY NOTES

[A] PVC PIPE W/ CONDUIT	[AA] 8" METAL W/ 1.5' YELLOW PAINT
[B] RUNWAY LIGHT	[AB] METAL PLATE BOLTED DOWN
[C] METAL COVER W/ CONCRETE VAULT	[AC] SLOT DRAIN
[D] CONDUIT FLUSH W/ PAVEMENT	[AD] VERTICAL PVC PIPE
[E] METAL PLATE	[AE] VERTICAL CLAY PIPE
[F] METAL COVER	[AF] CONCRETE W/ METAL PLATES
[G] WOOD POST W/ CONTROL PANEL	
[H] CONCRETE PAD W/ TRANSFER ELECTRICAL	
[J] WATER VALVE	
[K] FIRE HYDRANT	
[L] CONDUIT	
[M] COMMUNICATION HANDHOLE	
[N] .3" WOOD POST W/ 3/4" ELECTRICAL BOX	
[O] TELEPHONE PEDESTAL	
[P] POST/POLE W/ CONDUIT	
[Q] PVC PIPE W/ ABANDONED LIGHT	
[R] ELECTRIC PANEL	
[S] SPIGOT	
[T] POST INDICATOR VALVE	
[U] AIR CONDITIONING UNIT	
[V] GROUND ROD	
[W] FIBER OPTIC VAULT	
[X] CONDUIT W/ OUTLET	
[Y] ELECTRIC VAULT RUSTED SHUT	
[Z] HANDHOLE	

EXISTING UTILITY SCHEDULE

(001) E. MTL. CVR. (673) RIM = 34.28	(014) E. MTL. CVR. (3890) RIM = 36.89	(027) E. MTL. CVR. (6151) RIM = 37.89
(002) E. MTL. CVR. (20546) RIM = 35.03	(015) E. MTL. CVR. (4083) RIM = 33.54	(028) E. MTL. CVR. (6904) RIM = 36.71
(003) E. MTL. CVR. (731) RIM = 34.27	(016) E. MTL. CVR. (3157) RIM = 34.05	(029) E. MTL. CVR. (6154) RIM = 37.46
(004) E. MTL. CVR. (20550) RIM = 35.02	(017) E. MTL. CVR. (5927) RIM = 37.17	(030) E. MTL. CVR. (6977) RIM = 36.57
(005) E. MTL. CVR. (2838) RIM = 34.44	(018) E. MTL. CVR. (6668) RIM = 36.75	(031) E. MTL. CVR. (6328) RIM = 37.51
(006) E. MTL. CVR. (3316) RIM = 35.025	(019) E. MTL. CVR. (7534) RIM = 30.43	(032) E. MH. (1681) RIM = 32.45
(007) E. MTL. CVR. (3718) RIM = 36.17	(020) E. MTL. CVR. (5962) RIM = 37.44	(033) NOT USED
(008) E. MTL. CVR. (3876) RIM = 37.76	(021) E. MTL. CVR. (6671) RIM = 37.30	(034) E. MH. (6385) RIM = 37.94
(009) E. MTL. CVR. (4075) RIM = 34.04	(022) E. MTL. CVR. (7627) RIM = 30.46	(035) E. MH. (21347) RIM = 34.47
(010) E. MTL. CVR. (4325) RIM = 35.09	(023) E. MTL. CVR. (6019) RIM = 37.43	(036) E. MTL. CVR. (6820) RIM = 36.71
(011) E. MTL. CVR. (5177) RIM = 37.15	(024) E. MTL. CVR. (6815) RIM = 36.71	
(012) E. MTL. CVR. (3133) RIM = 33.50	(025) E. MTL. CVR. (U.G. F.H.) (7816) RIM = 30.71	
(013) E. MTL. CVR. (3404) RIM = 35.24	(026) E. MTL. CVR. (6065) RIM = 37.15	

EXISTING ELECTRIC/TELECOM SCHEDULE

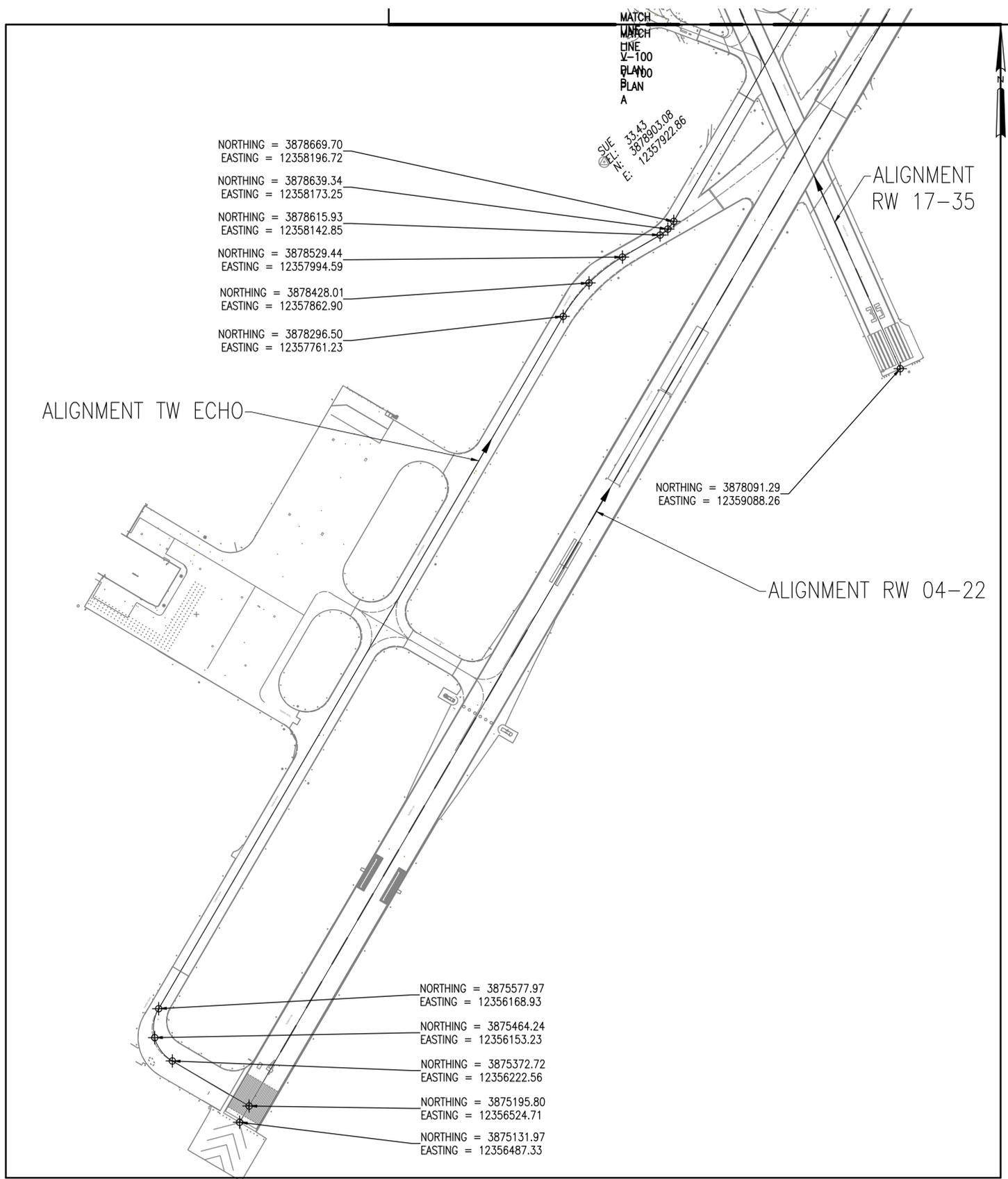
(001) E. TEL. MH. (24438) RIM = 33.87
(002) E. TEL. MH. (24460) RIM = 33.82
(003) E. TEL. MH. (24502) RIM = 34.93
(004) E. ELEC. MH. (5627) RIM = 37.86
(005) E. ELEC. MH. (6969) RIM = 38.01
(006) E. ELEC. MH. (7041) RIM = 37.46

EXISTING STORM SCHEDULE

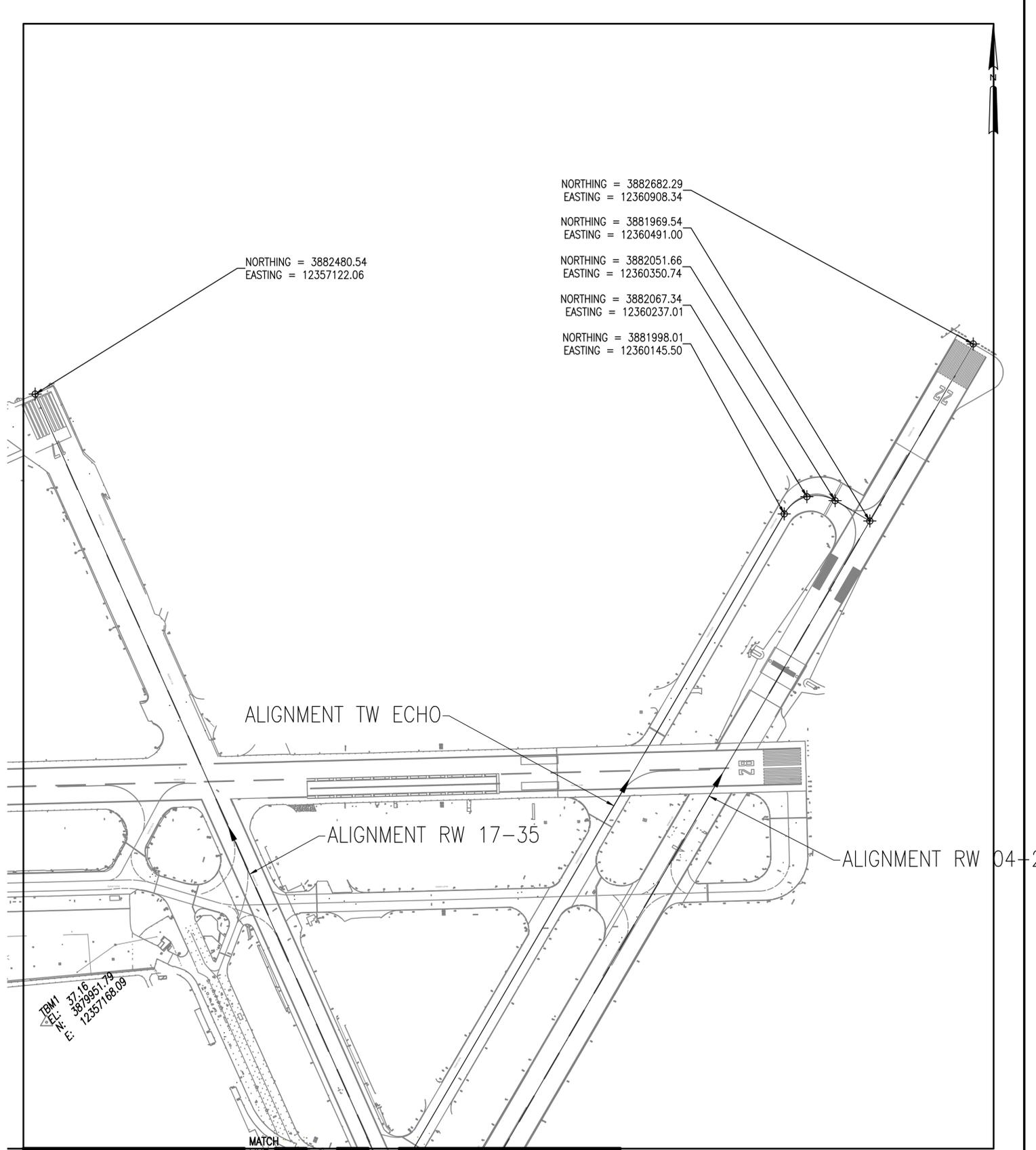
(001) E. C.B. (21240) RIM = 30.78 INV. 15" (E) = 25.21	(006) E. C.B. (23753) RIM = 31.83 INV. 24" (SE) = 27.58 INV. 18" (SW) = 27.54	(013) E. C.B. (24107) RIM = 32.12 INV. 18" (NE) = 28.25	(020) E. C.B. (6142) RIM = 36.80 INV. 12" (NW) = 31.60 (NOT ON GIS) INV. 12" (NE) = 31.15 INV. 12" (SE) = 31.10	(027) E. C.B. (7631) RIM = 29.77 INV. 36" (W) = 21.78 INV. 36" (E) = 21.69	(034) E. C.B. (7702) RIM = 31.43 INV. 18" (W) = 26.94 INV. 18" (E) = 27.03	(041) E. C.B. (5961) RIM = 37.43 INV. 24" (NW) = 32.31 INV. 12" (NE) = 33.38 INV. 15" (SE) = 33.59 INV. 18" (SW) = 31.58
(002) E. C.B. (21290) RIM = 31.94 INV. 12" (SW) = 27.71	(007) E. C.B. (23761) RIM = 31.10 INV. 24" (NW) = 26.84 INV. 27" (SE) = 25.87 INV. 18" (SW) = 26.60	(014) E. C.B. (24110) RIM = 32.71 INV. 18" (NE) = 28.88	(021) E. C.B. (6148) RIM = 36.38 INV. 12" (SW) = 34.32	(028) E. C.B. (7642) RIM = 30.07 INV. 36" (W) = 21.93 INV. 36" (E) = 22.03	(035) E. C.B. (7795) RIM = 32.19 INV. 15" (NW) = 28.11	(042) E. C.B. (10308) RIM = 32.89 INV. 15" (SW) = 28.40
(003) E. S. MH. (21443) RIM = 32.63 INV. 12" (SE) = 27.61 INV. 12" (NE) = 27.61 INV. 16" (NW) = 27.53	(008) E. C.B. (24196) RIM = 33.09 INV. 18" (NW) = 29.74	(015) E. C.B. (24187) RIM = 33.62 INV. 27" (NW) = 29.11 INV. 21" (SE) = 29.06 INV. 10" (SW) = 29.08	(022) E. C.B. (7360) RIM = 30.57 INV. 24" (N) = 25.84 INV. 36" (W) = 22.52 INV. 36" (E) = 22.62	(029) E. C.B. (7646) RIM = 30.27 INV. 36" (W) = 22.26 INV. 36" (E) = 22.30	(036) E. C.B. (7798) RIM = 31.77 INV. 30" (N) = 23.33 INV. 30" (S) = 23.37 INV. 8" (SE) = 26.94	(043) E. S. MH. (21347) RIM = 24.47 INV. 12" (NW) = 20.82 INV. 12" (NE) = 20.95
(004) E. S. MH. (21444) RIM = 31.01 INV. 15" (SE) = 25.15 INV. 15" (E) = 25.16 INV. 18" (NW) = 25.05	(009) E. C.B. (24086) RIM = 32.08 INV. 18" (NW) = 28.08 INV. 24" (NE) = 27.36 INV. 24" (SE) = 27.30	(016) E. C.B. (24190) RIM = 33.71 INV. 21" (NW) = 29.21 INV. 10" (SW) = 29.47 INV. 18" (SE) = 29.52	(023) E. C.B. (7375) RIM = 33.04 INV. 24" (W) = 26.34 INV. 8" (E) = 26.48 INV. 24" (SE) = 26.42	(030) E. C.B. (7657) RIM = 31.61 INV. 15" (N) = 28.34	(037) E. C.B. (24276) RIM = 33.58 INV. 21" (NE) = 29.35 INV. 10" (SE) = 29.49	(044) E. S. MH. (4135) RIM = 33.12 INV. 15" (NE) = 1/A INV. 15" (SE) = 1/A INV. 24" (SW) = 1/A INV. 18" (NW) = 1/A
(005) E. C.B. (21348) RIM = 34.09 INV. 12" (SW) = 30.89	(010) E. C.B. (24089) RIM = 32.29 INV. 18" (SE) = 28.99	(017) E. C.B. (24193) RIM = 33.56 INV. 18" (NW) = 29.36 INV. 18" (SE) = 29.36	(024) E. C.B. (7378) RIM = 31.98 INV. 24" (W) = 25.89 INV. 24" (E) = 26.03	(031) E. C.B. (7680) RIM = 31.40 INV. 15" (SW) = 26.18 INV. 30" (SE) = 23.44 INV. 30" (N) = 23.51	(038) E. C.B. (24295) RIM = 33.62 INV. 21" (NW) = 29.03 INV. 21" (SE) = 29.00 INV. 10" (NE) = 29.22	(045) E. S. MH. (NOT FOUND)
	(011) E. C.B. (24092) RIM = 32.59 INV. 18" (SE) = 29.39	(018) E. M.H. (7656) RIM = 31.77 INV. 48" (W) = 22.22 INV. 48" (E) = 22.25 INV. (S) 1/A	(025) E. C.B. (7389) RIM = 31.37 INV. 24" (W) = 25.37 INV. 24" (E) = 25.34	(032) E. C.B. (7691) RIM = 31.08 INV. 12" (N) = 29.43 INV. 15" (SW) = 27.35 INV. 12" (S) = 29.41	(039) E. C.B. (24613) RIM = 33.02 INV. 18" (NW) = 29.47	
	(012) E. C.B. (24095) RIM = 32.10 INV. 18" (NW) = 28.73 INV. 24" (SW) = 28.71	(019) E. C.B. (5956) RIM = 36.08 INV. 1/A	(026) E. C.B. (7393) RIM = 30.92 INV. 36" (W) = 22.73 INV. 24" (E) = 24.58 INV. 30" (S) = 22.57	(033) E. C.B. (7695) RIM = 30.74 INV. 15" (W) = 28.39	(040) E. C.B. (24687) RIM = 33.62 INV. 21" (SE) = 29.20 INV. 21" (NW) = 29.20 INV. 10" (NE) = 29.30	

V-001

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GODDARD SPACE FLIGHT CENTER WALLOPS FLIGHT FACILITY WALLOPS ISLAND, VIRGINIA 23337		DATE	LET.	REVISIONS	CK.	AP.	PROJECT ENGINEER	NASA SAFETY	CONSTRUCTION MANAGEMENT	ENGINEERING APPROVAL	GRAPHIC SCALE	WALLOPS AIRFIELD REPAIR PROJECT CoF PHASE I		
		NOT TO SCALE		SURVEY CONTROL NOTES		PROJECT NUMBER: 1368232		DRAWING NO. 17192						
SUBMITTED BY: <i>[Signature]</i>							FIRE PROTECTION: <i>[Signature]</i>		O & M: <i>[Signature]</i>		BRANCH APPROVAL: <i>[Signature]</i>		AUTOCAD - RELEASE 2010 FILE NAME: '1-1368232-V- SCALE NOT TO SCALE DR. STH DATE: SHEET 5 OF 171	
PROJECT MANAGER: <i>[Signature]</i>							BRANCH HEAD: <i>[Signature]</i>		BRANCH HEAD: <i>[Signature]</i>		PROJECT NUMBER: 1368232		DRAWING NO. 17192	



A SURVEY CONTROL PLAN (1 OF 2)
1" = 250'



B SURVEY CONTROL PLAN (2 OF 2)
1" = 250'

V-100

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

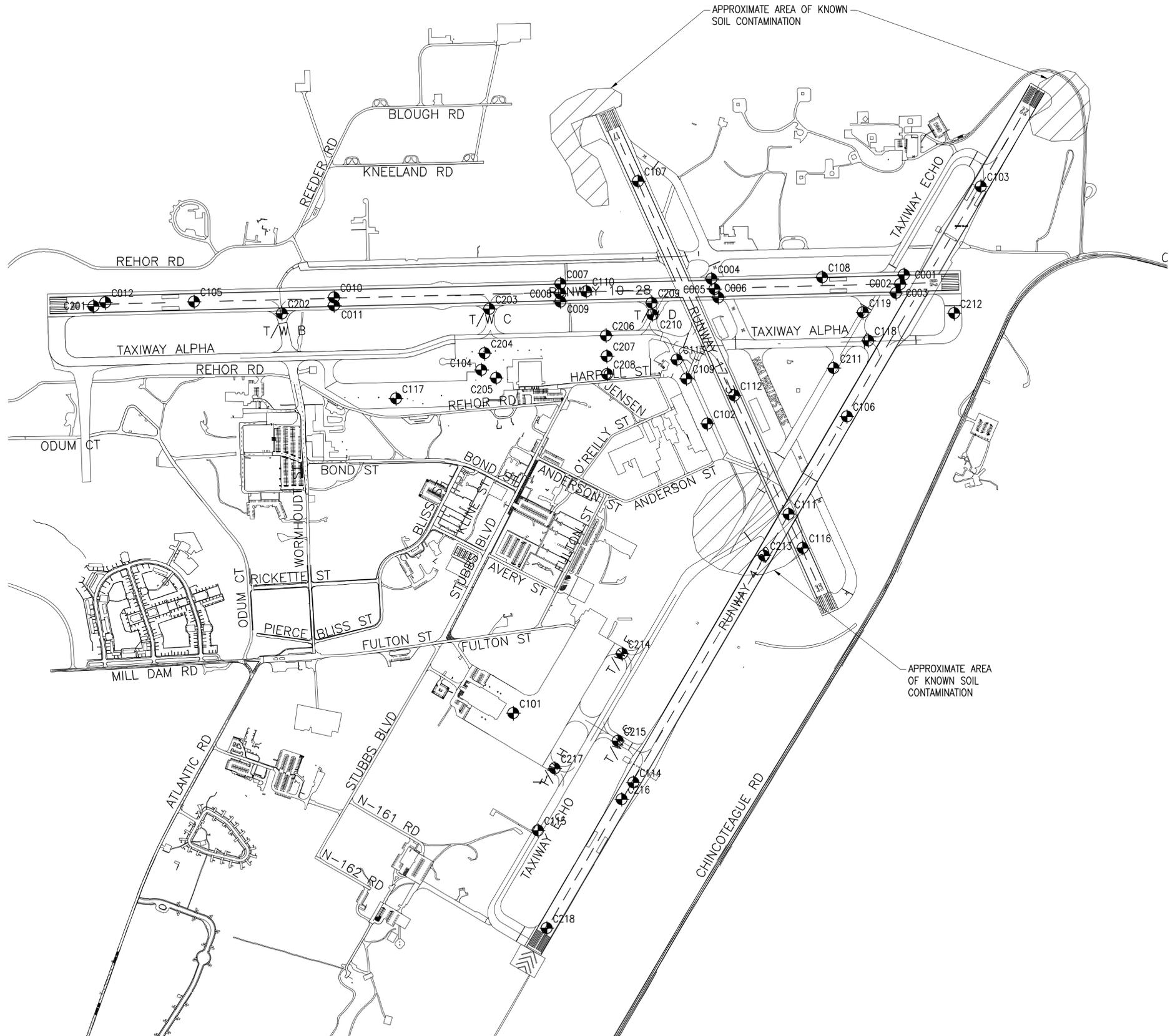
GRAPHIC SCALE
1"=250'
0' 250' 500'

AUTOCAD - RELEASE 2010
FILE NAME: '1-1368232-V-'
SCALE NOT TO SCALE
SHEET 6 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
SURVEY CONTROL PLAN
PROJECT NUMBER: 1368232
DRAWING NO. 17193

CORE NOTES

1. CORES C001 THRU C012 WERE TAKEN FROM GER PROJECT NUMBER 110-6000 DATED AUGUST 17, 2012.
2. CORES C101 THRU C119 WERE TAKEN FROM GER PROJECT NUMBER 110-4218 DATED JUNE 7, 2006.
2. CORES C201 THRU C218 WERE TAKEN FROM GER PROJECT NUMBER 110-6535 DATED SEPTEMBER 11, 2014.



A CORING LOCATION PLAN
1" = 500'

B-100

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
1" = 500'
AUTOCAD - RELEASE 2010
FILE NAME: ...1368232-B-1
SCALE
1" = 500'
SHEET 7 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
CORING LOCATION PLAN
PROJECT NUMBER: 1368232
DRAWING NO.
17194

CORE NUMBER (YEAR)	GER PROJECT NUMBER	WGS-84 (DECIMAL DEGREES)		CORE DESCRIPTION	DCP CORRELATE D CBR
		LAT	LONG		
C001 (2012)	110-6000	N/A	N/A	*9.0" TOTAL DEPTH *9.0" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: SANDY CLAY	7
C002 (2012)	110-6000	N/A	N/A	*23.5" TOTAL DEPTH *8.0" PCC *9.5" AC *6.0" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: SANDY CLAY	5
C003 (2012)	110-6000	N/A	N/A	*21.0" TOTAL DEPTH *8.25" PCC *6.25" AC *6.5" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: SANDY CLAY	8
C004 (2013)	110-6000	N/A	N/A	*7.0" TOTAL DEPTH *7.0" AC *AGGREGATE BASE COURSE: 13" CRUSHED STONE *SUBGRADE SOILS: NONE OBSERVED	15
C005 (2012)	110-6000	N/A	N/A	*24.5" TOTAL DEPTH *18.0" AC *6.5" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: SANDY CLAY	4
C006 (2012)	110-6000	N/A	N/A	*22.0" TOTAL DEPTH *16.0" AC *6.0" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: SANDY CLAY	3
C007 (2012)	110-6000	N/A	N/A	*8.5" TOTAL DEPTH *8.5" AC *AGGREGATE BASE COURSE: 13" CRUSHED STONE *SUBGRADE SOILS: NONE OBSERVED	7
C008 (2012)	110-6000	N/A	N/A	*29.25" TOTAL DEPTH *23.5" AC *5.75" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: SANDY CLAY	11
C009 (2012)	110-6000	N/A	N/A	*23.0" TOTAL DEPTH *16.0" AC *7.0" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: SILTY SAND	14
C010 (2012)	110-6000	N/A	N/A	*33.25" TOTAL DEPTH *24.0" AC *9.25" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: VERY CLAYEY SAND	13
C011 (2012)	110-6000	N/A	N/A	*24.0" TOTAL DEPTH *18.5" AC *5.5" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: SILTY SAND	23
C012 (2012)	110-6000	N/A	N/A	*10.5" TOTAL DEPTH *10.5" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: SILTY SAND	17
C101 (2006)	110-4218	N/A	N/A	*14.5" TOTAL DEPTH *3" BONDED CONCRETE OVERLAY *11.5" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: BROWN FINE TO MEDIUM SAND (SM) WITH LITTLE CLAY	9
C102 (2006)	110-4218	N/A	N/A	*6.5" TOTAL DEPTH *6.5" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: BROWN FINE TO MEDIUM SAND (SM) WITH LITTLE CLAY	20
C103 (2006)	110-4218	N/A	N/A	*18.25" TOTAL DEPTH *12.0" AC IN 4 APPARENT LAYERS (2", 4", 3", 3") *6.25" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: BROWN SILTY CLAY (CL) WITH LITTLE SAND	3

CORE NUMBER (YEAR)	GER PROJECT NUMBER	WGS-84 (DECIMAL DEGREES)		CORE DESCRIPTION	DCP CORRELATE D CBR
		LAT	LONG		
C104 (2006)	110-4218	N/A	N/A	*10.25" TOTAL DEPTH *10.25" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: BROWN FINE TO MEDIUM SILTY SAND (SM)	20
C105 (2006)	110-4218	N/A	N/A	*13.0" TOTAL DEPTH *13.0" AC IN 4 APPARENT LAYERS (2", 2", 4", 5") *AGGREGATE BASE COURSE: CRUSHED STONE *SUBGRADE SOILS: NOT OBSERVED	35
C106 (2006)	110-4218	N/A	N/A	*10.0" TOTAL DEPTH *10.0" PCC, REINFORCEMENT OBSERVED AT 4" FROM TOP OF CORE *7.0" SAND ASPHALT *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: BROWN SILTY SAND (SM)	20
C107 (2006)	110-4218	N/A	N/A	*15.0" TOTAL DEPTH *9.0" AC IN 4 APPARENT LAYERS (2", 2.5", 2.5", 2") *6.0" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: BROWN FINE TO MEDIUM CLAYEY SAND (SC)	9
C108 (2006)	110-4218	N/A	N/A	*27.5" TOTAL DEPTH *9.0" AC IN 5 APPARENT LAYERS (2", 5", 3", 5.5", 5") *7.0" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: BROWN FINE TO MEDIUM SILTY SAND (SM)	N/A
C109 (2006)	110-4218	N/A	N/A	*7.0" TOTAL DEPTH *7.0" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: BROWN FINE TO MEDIUM SILTY SAND (SM)	N/A
C110 (2006)	110-4218	N/A	N/A	*19.5" TOTAL DEPTH *11.5" AC IN 5 APPARENT LAYERS (2", FABRIC, 1.25", 3.75", 3", 1.5") *8.0" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: BROWN FINE TO MEDIUM SILTY SAND (SM)	N/A
C111 (2006)	110-4218	N/A	N/A	*29.25" TOTAL DEPTH *23.5" AC IN 5 APPARENT LAYERS (3", 3.5", 3", 12.5", 1.5") *5.75" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: BROWN FINE TO MEDIUM SILTY SAND (SM) WITH LITTLE CLAY	N/A
C112 (2006)	110-4218	N/A	N/A	*12.5" TOTAL DEPTH *7.0" AC IN 3 APPARENT LAYERS (2", 3.5", 1.5") *5.5" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: BROWN FINE TO MEDIUM SILTY SAND (SM) WITH LITTLE CLAY	N/A
C113 (2006)	110-4218	N/A	N/A	*7.5" TOTAL DEPTH *7.5" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: BROWN FINE TO MEDIUM CLAYEY SAND (SC)	4
C114 (2006)	110-4218	N/A	N/A	*13.0" TOTAL DEPTH *13.0" AC IN 5 APPARENT LAYERS (2.5", FABRIC, 1.75", 5.75", 1.5", 1.5") *AGGREGATE BASE COURSE: CRUSHED STONE *SUBGRADE SOILS: NOT OBSERVED	50
C115 (2006)	110-4218	N/A	N/A	*12.5" TOTAL DEPTH *12.5" AC IN 4 APPARENT LAYERS (3", 3", 3", 3.5") *AGGREGATE BASE COURSE: CRUSHED STONE *SUBGRADE SOILS: NOT OBSERVED	50

CORE NUMBER (YEAR)	GER PROJECT NUMBER	WGS-84 (DECIMAL DEGREES)		CORE DESCRIPTION	DCP CORRELATE D CBR
		LAT	LONG		
C116 (2006)	110-4218	N/A	N/A	*20.0" TOTAL DEPTH *13.5" AC IN 4 APPARENT LAYERS (2.25", 3", 3", 5.25") *6.5" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: BROWN FINE TO MEDIUM SILTY SAND (SM) WITH TRACE CLAY	20
C117 (2006)	110-4218	N/A	N/A	*10.0" TOTAL DEPTH *10.0" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: BROWN FINE TO MEDIUM SAND (SM) WITH TRACE CLAY	40
C118 (2006)	110-4218	N/A	N/A	*15.25" TOTAL DEPTH *10.25" PCC *5.0" AC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: BROWN SILTY SAND (SM)	15
C119 (2006)	110-4218	N/A	N/A	*13.75" TOTAL DEPTH *4.75" AC IN 2 APPARENT LAYERS (3", TACK COAT, 1.75") *9.0" PCC *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: GREY TO BROWN FINE TO MEDIUM SILTY SAND (SM)	20
C201 (2014)	110-6535	37.9429	75.4841	*10.5" TOTAL DEPTH *10.5" PCC, REINFORCEMENT PRESENT AT APPROXIMATELY 4" BELOW TOP OF CORE *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: ORANGE, FINE TO MEDIUM, SILTY SAND (SM)	24
C202 (2014)	110-6535	37.9427	75.4780	*19.0" TOTAL DEPTH *5.0" AC IN 2 APPARENT LIFTS (2", TACK COAT, 3") *8.5" PCC (GROOVED UPPER SURFACE); TACK COAT, NO OBSERVED REINFORCEMENT *5.5" PCC, WITH TAR FILLED CRACK, NO OBSERVED REINFORCEMENT *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: ORANGE, FINE TO MEDIUM, SILTY SAND (SM)	N/A
C203 (2014)	110-6535	37.9426	75.4716	*18.0" TOTAL DEPTH *6.0" AC IN 3 APPARENT LIFTS (2", 2", 2") *6.0" ASPHALT TREATED CRUSHED STONE *6.0" PCC, NO OBSERVED REINFORCEMENT *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: GREY, FINE TO MEDIUM, CLAYEY SAND (SC)	N/A
C204 (2014)	110-6535	37.9414	75.4716	*9.0" TOTAL DEPTH *2.0" AC *7.0" PCC, REINFORCEMENT PRESENT AT APPROXIMATELY 4.5" BELOW TOP OF CORE *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: ORANGE, FINE TO MEDIUM, SILTY SAND (SM)	11
C205 (2014)	110-6535	37.9410	75.4716	*11.5" TOTAL DEPTH *1.5" AC *10.0" PCC, REINFORCEMENT PERCENT AT APPROXIMATELY 7" BELOW TOP OF CORE *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: LIGHT BROWN, FINE TO MEDIUM, SILTY SAND (SM)	N/A
C206 (2014)	110-6535	37.9418	75.4678	*18.0" TOTAL DEPTH *9.0" AC IN 3 APPARENT LIFTS (2", 2", 5") *9.0" PCC, NO OBSERVED REINFORCEMENT *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: ORANGE, FINE TO MEDIUM, CLAYEY SAND (SC)	N/A
C207 (2014)	110-6535	37.9414	75.4678	*9.0" TOTAL DEPTH *9.0" PCC, NO OBSERVED REINFORCEMENT *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: ORANGE, FINE TO MEDIUM, SILTY SAND (SM)	8

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
Wallops Flight Facility
Wallops Island, Virginia 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
NOT TO SCALE
AUTOCAD - RELEASE 2010
FILE NAME: '1-1368232-8-6'

Wallops Airfield Repair Project
CoF Phase I
CONSOLIDATED CORE DATA
PROJECT NUMBER: 1368232
DRAWING NO. 17195

CORE NUMBER (YEAR)	GER PROJECT NUMBER	WGS-84 (DECIMAL DEGREES)		CORE DESCRIPTION	DCP CORRELATED CBR
		LAT	LONG		
C208 (2014)	110-6535	37.9414	75.4848	*10.25" TOTAL DEPTH *0.25" AC *10.0" PCC, REINFORCEMENT PRESENT AT APPROXIMATELY 1" & 2.5" BELOW TOP OF CORE *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: ORANGE, FINE TO MEDIUM, CLAYEY SAND (SC)	5
C209 (2014)	110-6535	37.9426	75.4665	*22.0" TOTAL DEPTH *16.0" AC IN 5 APPARENT LIFTS (2", 1.5", 0.5" FABRIC AND TACK COAT, 2", 10") *6.0" PCC, NO OBSERVED REINFORCEMENT *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: GREY, FINE TO MEDIUM, CLAYEY SAND (SC)	N/A
C210 (2014)	110-6535	37.9425	75.4666	*16.0" TOTAL DEPTH *6.0" AC IN 3 APPARENT LIFTS (3", 1.5", 1.5") *10.0" PCC, REINFORCEMENT PRESENT AT APPROXIMATELY 12" BELOW TOP OF CORE *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: ORANGE, FINE TO MEDIUM, SILTY SAND (SM)	N/A
C211 (2014)	110-6535	37.9409	75.4612	*23.0" TOTAL DEPTH *4.0" AC IN 1 APPARENT LIFT *8.0" PCC, REINFORCEMENT PRESENT AT APPROXIMATELY 8" BELOW THE TOP OF CORE *4.0" AC IN 2 APPARENT LIFTS (2", 2") *7.0" PCC, NO OBSERVED REINFORCEMENT *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: GREY, FINE TO MEDIUM, CLAYEY SAND (SC)	N/A
C212 (2014)	110-6535	37.9421	75.4576	*10.0" TOTAL DEPTH *10.0" PCC, REINFORCEMENT PRESENT AT APPROXIMATELY 4" BELOW TOP OF CORE *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: ORANGE, FINE TO MEDIUM, SILTY SAND (SM)	16
C213 (2014)	110-6535	37.9366	75.4635	*28.0" TOTAL DEPTH *22.0" AC IN 7 APPARENT LIFTS (2.5", 2.5", TACK COAT, 1.0" FINE AGGREGATE MIX, 1.5", 7.5", 2.0" FINE AGGREGATE MIX) *6.0" PCC, NO OBSERVED REINFORCEMENT *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: ORANGE, FINE TO MEDIUM, CLAYEY SAND (SC)	N/A
C214 (2014)	110-6535	37.9342	75.4679	*10.0" TOTAL DEPTH *10.0" PCC, NO OBSERVED REINFORCEMENT *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: ORANGE, FINE TO MEDIUM, CLAYEY SAND (SC)	33
C215 (2014)	110-6535	37.9321	75.4683	*10.5" TOTAL DEPTH *10.5" PCC, NO OBSERVED REINFORCEMENT *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: ORANGE, FINE TO MEDIUM, CLAYEY SAND (SC)	5
C216 (2014)	110-6535	37.9312	75.4678	*17.0" TOTAL DEPTH *17" AC IN 6 APPARENT LIFTS (2", 3", 3", 4", 2", 3") *AGGREGATE BASE COURSE: 4" CRUSHED STONE *SUBGRADE SOILS: ORANGE, FINE TO MEDIUM, SILTY SAND (SM)	53
C217 (2014)	110-6535	37.9315	75.4701	*10.5" TOTAL DEPTH *10.5" PCC, NO OBSERVED REINFORCEMENT *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: ORANGE, FINE TO MEDIUM, CLAYEY SAND (SC)	8
C218 (2014)	110-6535	37.9278	75.4704	*20.0" TOTAL DEPTH *9.0" AC IN 4 APPARENT LIFTS (2", 3", 1.5", 2.5") *11.0" PCC, REINFORCEMENT PRESENT AT APPROXIMATELY 13" BELOW TOP OF CORE *AGGREGATE BASE COURSE: NONE APPARENT *SUBGRADE SOILS: ORANGE, FINE TO MEDIUM, SILTY SAND (SM)	15

B-602

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GODDARD SPACE FLIGHT CENTER WALLOPS FLIGHT FACILITY WALLOPS ISLAND, VIRGINIA 23337	DATE	LET.	REVISIONS	CK.	AP.	PROJECT ENGINEER	NASA SAFETY	CONSTRUCTION MANAGEMENT	ENGINEERING APPROVAL	GRAPHIC SCALE	WALLOPS AIRFIELD REPAIR PROJECT CoF PHASE I CONSOLIDATED CORE DATA		
						SUBMITTED BY	FIRE PROTECTION	O & M	ENGINEERING GROUP LEADER	NOT TO SCALE	PROJECT NUMBER: 1368232 DRAWING NO. 17196		
						PROJECT MANAGER			BRANCH APPROVAL	AUTOCAD - RELEASE 2010 FILE NAME: '1-1368232-B-6'	SCALE	DR. STH	DATE:
								BRANCH HEAD		SHEET 9 OF 171	CK. LMH	REVISED:	

LEGEND

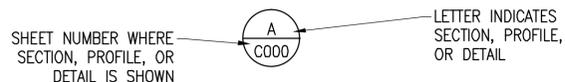
- EXISTING**
- — — — — LIMIT OF CONSTRUCTION
 - BM 0.00 3881626.43 12362097.51 BENCH MARK
 - TBM 0.00 3881601.57 12362097.51 TEMPORARY BENCH MARK
 - +0.00 SPOT ELEVATION
 - 2.00 MAJOR CONTOUR
 - 1.50 MINOR CONTOUR
 - - - - - TOE OF SLOPE (T.O.S.)
 - - - - - TOP OF BANK (T.O.B.)
 - - - - - CENTERLINE DITCH/SWALE
 - TREE
 - EDGE OF WOODS
 - PCC PAVEMENT AND JOINTS
 - CONCRETE (CONC.)
 - AC PAVEMENT
 - GRAVEL
 - MOORING EYE
 - STATIC GROUND RECEPTACLE
 - BOLLARD
 - CHAIN LINK FENCE
 - FENCE
 - CONCRETE CURB
 - CONCRETE CURB AND GUTTER
 - BUILDING
 - C-105 CORE
 - GUY WIRE
 - PAVEMENT MARKINGS
 - SIGN
 - ELEVATED LIGHT
 - SEMIFLUSH LIGHT
 - FLUSH LIGHT
 - LIGHTED TAXIWAY SIGN
 - LIGHT POLE
 - ELECTRICAL HAND HOLE
 - E. MH. ELECTRICAL MANHOLE
 - ELECTRICAL PANEL
 - COND. CONDUIT (COND.)
 - TELEPHONE (TEL.) PEDESTAL (PED.)
 - POST INDICATOR VALVE (P.I.V.)
 - FIRE HYDRANT
 - W.V. WATER VALVE
 - STORM MANHOLE
 - STORM DROP INLET
 - SANITARY MANHOLE
 - CLEANOUT

- DEMOLITION AND ESC**
- — — — — LIMIT OF CONSTRUCTION
 - REMOVE EXISTING PAVEMENT AND UNDERLYING MATERIAL AS REQUIRED
 - MILL AC PAVEMENT AS REQUIRED
 - GRIND PCC PAVEMENT AS REQUIRED
 - REMOVE EXISTING PAVEMENT MARKINGS
 - REMOVE EXISTING RCP
 - IP DROP INLET PROTECTION
 - FB DEBRIS BARRIER
 - LPB LOW PROFILE BARRICADE
 - SILT FENCE

NEW WORK

- — — — — LIMIT OF CONSTRUCTION
- +0.00 SPOT ELEVATION
- 2.00 MAJOR CONTOUR
- 1.50 MINOR CONTOUR
- PCC PAVEMENT AND JOINTS
- 2" AC PAVEMENT OVERLAY
- 2" AC PAVEMENT OVERLAY OVER 4" COLD-IN-PLACE RECYCLED AC SEAL COAT
- FULL DEPTH REPAIR
- PARTIAL DEPTH REPAIR
- JOINT SEALANT REPAIR
- PCC CRACK SEAL
- FULL SLAB REPLACEMENT
- REGRADE AND SEED
- YELLOW PAVEMENT MARKINGS
- WHITE PAVEMENT MARKINGS
- MOORING EYE
- STATIC GROUNDING POINT

SECTION OR DETAIL SYMBOL



DEMOLITION NOTES

- 1 LIMIT OF CONSTRUCTION
- 2 PROVIDE RUNWAY CLOSURE MARKINGS THROUGHOUT ALL PHASES OF CONSTRUCTION. SEE DETAIL A ON SHEET CD501.
- 3 PROVIDE DEBRIS BARRIER THROUGHOUT ALL PHASES OF CONSTRUCTION. SEE DETAIL B ON SHEET CD501.
- 4 PROVIDE LOW PROFILE BARRICADE THROUGHOUT ALL PHASES OF CONSTRUCTION. SEE DETAIL C ON SHEET CD501.
- 5 REMOVE EXISTING MATERIAL AS REQUIRED TO PROVIDE SPALL REPAIR, TYP. SEE DETAIL I ON SHEET CS501 AND NEW WORK SCHEDULE FOR QUANTITIES AND DIMENSIONS.
- 6 REMOVE EXISTING MATERIAL AS REQUIRED TO PROVIDE FULL DEPTH REPAIR, TYP. SEE DETAIL J ON SHEET CS501 AND NEW WORK SCHEDULE FOR QUANTITIES AND DIMENSIONS.
- 7 REMOVE EXISTING JOINT MATERIAL AS REQUIRED TO PROVIDE JOINT SEALANT REPAIR, TYP. SEE DETAIL C ON SHEET CS502 AND NEW WORK SCHEDULE FOR QUANTITIES AND DIMENSIONS.
- 8 REMOVE EXISTING MATERIAL AS REQUIRED TO PROVIDE FULL SLAB REPLACEMENT, TYP. SEE DETAIL J ON SHEET CS501 AND NEW WORK SCHEDULE. PROVIDE PARALLEL SAWCUT. SEE DETAIL D ON SHEET CD501.
- 9 REGRADE AREA TO PROMOTE DRAINAGE OFF OF PAVEMENT, SEE DETAIL B ON SHEET CS502.
- 10 ROUTE CRACK AS REQUIRED TO PROVIDE CRACK SEALANT, TYP. SEE DETAIL K ON SHEET CS501 AND NEW WORK SCHEDULE FOR QUANTITIES AND DIMENSIONS.
- 11 PROVIDE FOD SHAKER. SEE DETAIL F ON SHEET CD501.
- 12 PROVIDE STRAIGHT SAWCUT (MAXIMUM OF 2 INCH DEPTH) AT NEW TO EXISTING AC INTERFACE.
- 13 MILL EXISTING AC PAVEMENT AS REQUIRED TO PROVIDE A 2" AC OVERLAY. SEE DETAIL G ON SHEET CD501 FOR EXISTING PAVEMENT SECTIONS.
- 14 GRIND EXISTING PCC PAVEMENT AS REQUIRED TO PROVIDE A 2" AC OVERLAY. SEE DETAIL G ON SHEET CD501 FOR EXISTING PAVEMENT SECTIONS.
- 15 REMOVE EXISTING RCP.
- 16 REMOVE EXISTING PAVEMENT AS REQUIRED. SEE DETAIL G ON SHEET CD501 FOR EXISTING PAVEMENT SECTIONS.
- 17 REMOVE EXISTING STORM DRAINAGE STRUCTURE.
- 18 PROVIDE PARALLEL SAWCUT. SEE DETAIL D ON SHEET CD501.
- 19 REMOVE ABANDONED FIXTURE AND CAN, SEE DETAIL H ON SHEET CD501 FOR FIXTURES IN EXISTING AC.

NEW WORK NOTES

- 1 LIMIT OF CONSTRUCTION
- 2 PROVIDE SPALL REPAIR, TYP. SEE DETAIL I ON SHEET CS501 AND NEW WORK SCHEDULE FOR QUANTITIES AND DIMENSIONS. REESTABLISH PAVEMENT MARKINGS.
- 3 PROVIDE FULL DEPTH REPAIR, TYP. SEE DETAIL J ON SHEET CS501 AND NEW WORK SCHEDULE FOR QUANTITIES AND DIMENSIONS. REESTABLISH PAVEMENT MARKINGS.
- 4 PROVIDE JOINT SEALANT REPAIR, TYP. SEE DETAIL C ON SHEET CS502 AND NEW WORK SCHEDULE FOR QUANTITIES AND DIMENSIONS.
- 5 PROVIDE FULL SLAB REPLACEMENT, TYP. SEE DETAIL J ON SHEET CS501 AND NEW WORK SCHEDULE FOR QUANTITIES AND DIMENSIONS.
- 6 SEAL CRACKS IN PCC PAVEMENT, TYP. SEE DETAIL K ON SHEET CS501 AND NEW WORK SCHEDULE FOR QUANTITIES AND DIMENSIONS.
- 7 SEAL AND/OR PATCH CRACKS IN AC PAVEMENT PRIOR TO AC OVERLAY, TYP. SEE DETAIL D ON SHEET CS502 AND NEW WORK SCHEDULE FOR QUANTITIES AND DIMENSIONS.
- 8 APPLY SEAL COAT.
- 9 REGRADE AND SOD AREA TO PROMOTE DRAINAGE OFF OF PAVEMENT, SEE DETAIL B ON SHEET CS502.
- 10 PROVIDE 2 INCH AC OVERLAY TO MEET FINISH GRADE. SEE DETAIL G ON SHEET CS501.
- 11 MATCH EXISTING GRADE AT AC PAVEMENT INTERFACE. STRAIGHT SAWCUT 2 INCH MAXIMUM DEPTH AND TACK COAT EXISTING FACE. SEE DETAIL F ON SHEET CS502.
- 12 MATCH EXISTING GRADE AT PCC PAVEMENT INTERFACE. PROVIDE TACK COAT AT EXISTING PCC VERTICAL FACE. SEE DETAIL F ON SHEET CS502.
- 13 PROVIDE SLAB REINFORCEMENT. SEE DETAIL E ON SHEET CS502.
- 14 PROVIDE 13 INCHES OF PCC OVER 6 INCHES OF AGGREGATE BASE TO MEET FINISHED GRADE. SEE DETAIL H ON SHEET CS501.
- 15 PROVIDE THICKENED EDGE JOINT, DENOTED TEJ. SEE DETAIL A ON SHEET CS501.
- 16 PROVIDE THICKENED EDGE BUTT JOINT, DENOTED TEB. SEE DETAIL E ON SHEET CS503.
- 17 PROVIDE DOWELED CONSTRUCTION JOINT, DENOTED DKJ. SEE DETAIL B ON SHEET CS501.
- 18 PROVIDE CONTRACTION JOINT, DENOTED CJ. SEE DETAIL C ON SHEET CS501.
- 19 PROVIDE DOWELED CONTRACTION JOINT, DENOTED DCJ. SEE DETAIL C ON SHEET CS501.
- 20 PROVIDE PAVEMENT MOORING EYE, TYP. SEE DETAIL G ON SHEET CS502.
- 21 PROVIDE STATIC GROUNDING ROD AND RECEPTACLE ON A 50' BY 50' GRID, TYP. SEE DETAIL H ON SHEET CS502.
- 22 PROVIDE NEW AIRFIELD RATED MANHOLE. SEE DETAIL D ON SHEET CS503.
- 23 PROVIDE NEW AIRFIELD RATED DROP INLET. SEE DETAIL C ON SHEET CS503.
- 24, 25, 26, AND 27 ARE NOTE USED.

NEW WORK NOTES (CONTINUED)

- 28 PROVIDE 2 INCH AC OVERLAY TO OVER A 4 INCH COLD-IN-PLACE AC BASE TO MEET FINISH GRADE. SEE DETAIL I ON SHEET CS502.
- 29 REINSTALL LIGHT FIXTURE OR BLANK. SEE DETAIL J ON SHEET CS502.
- 30 PROVIDE THICKENED EDGE, DENOTED TE, SEE DETAIL D ON SHEET CS501.

PAVEMENT MARKING NOTES

- 1 LIMIT OF CONSTRUCTION
- 2 PROVIDE TAXIWAY EDGE MARKINGS. SEE DETAIL D ON SHEET CM501.
- 3 PROVIDE TAXIWAY CENTERLINE MARKINGS. SEE DETAIL D ON SHEET CM501.
- 4 PROVIDE TAXIWAY HOLDSHORT MARKINGS. SEE DETAIL A ON SHEET CM501.
- 5 PROVIDE NON-MOVEMENT AREA MARKINGS. SEE DETAIL D ON SHEET CM501.
- 6 PROVIDE RUNWAY 4-22 MARKINGS. SEE DETAIL A ON SHEET CM502.
- 7 PROVIDE RUNWAY 17-35 MARKINGS. SEE DETAIL B ON SHEET CM502.
- 8 PROVIDE ARRESTING GEAR MARKINGS. SEE DETAIL C ON SHEET CM501.
- 9 PROVIDE STATIC GROUND MARKINGS. SEE DETAIL F ON SHEET CM502.
- 10 PROVIDE HANDICAP PARKING SYMBOL. SEE DETAIL G ON SHEET CM501.

CONSTRUCTION SURVEYS

1. UPON COMPLETION OF OVERLAYS AND RECONSTRUCTION, THE CONTRACTOR MUST PERFORM A POST-CONSTRUCTION TOPOGRAPHIC SURVEY.
2. THE POST CONSTRUCTION SURVEY IS TO VERIFY PLANNED GRADES AND ELEVATIONS WERE ACHIEVED.
3. CONTRACTOR MUST ALSO PERFORM A PRE-MILL AND POST MILL SURVEY.
4. CONTRACTOR MUST PROVIDE REPORT PREPARED BY PROFESSIONAL SURVEYOR/ENGINEER WITH RECOMMENDATIONS FOR COMPLIANCE TO DRAWINGS AND SPECIFICATION, CALCULATED VOLUMES OF DEBRIS AND MATERIAL, AND IDENTIFY VARIANCES TO FINAL GRADE ELEVATIONS.
5. THE ELEVATIONS OF POINTS SURVEYED MUST BE SHOWN TO 0.01 FEET AND NOTED ON A LOCATION PLAN SHOWING ALL SURVEY POINTS USING THE SAME LOCATION AND INTERVALS AS THE EXISTING CONDITIONS AND DEMOLITION SHEETS SHOW INCORPORATE POST-CONSTRUCTION SURVEY IN THE AS-BUILT DRAWINGS.

ABBREVIATIONS

ABAND	ABANDONED	CVR	COVER	H	HEIGHT, PAVEMENT THICKNESS	PSI	POUNDS PER SQUARE INCH	TEB	THICKENED EDGE BUTT JOINT
AC	ASPHALT CONCRETE	DCJ	DOWELED CONTRACTION JOINT	IN	INCH/ES	PVC	POLYVINYL CHLORIDE	TEJ	THICKENED EDGE JOINT
BM	BENCH MARK	DKJ	DOWELED CONSTRUCTION JOINT	INV	INVERT	R	REINFORCED CONCRETE PAVEMENT	TOB	TOP OF BANK
BIT	BITUMINOUS	DIA	DIAMETER	LBS	POUNDS	R/W	RUNWAY	TOS	TOE OF SLOPE
CB	CATCH BASIN	ELEC	ELECTRIC	MEG	MATCH EXISTING GRADE	SS	SLEEPER SLAB	TDZ	TOUCH DOWN ZONE
CL	CENTER LINE	EXST, E	EXISTING	MH	MAN HOLE	STA	STATION	TYP	TYPICAL
CLF	CHAIN LINK FENCE	ES	EXISTING STORM DRAINAGE PIPE	MAX	MAXIMUM	S	STORM SEWER	UG	UNDER GROUND
CONC	CONCRETE	ESC	EROSION AND SEDIMENT CONTROL	MTL	METAL	T/W	TAXIWAY	UNO	UNLESS NOTED OTHERWISE
COND	CONDUIT	EJ	EXPANSION JOINT	MIN	MINIMUM	TEL	TELEPHONE	WTR	WATER
CO	CONTRACTING OFFICER	FT	FEET	OC	ON CENTER	TBM	TEMPORARY BENCH MARK	W, W/	WIDTH
CJ	CONTRACTION JOINT	GOVT	GOVERNMENT	PCC	PORTLAND CEMENT CONCRETE	TE	THICKENED EDGE		

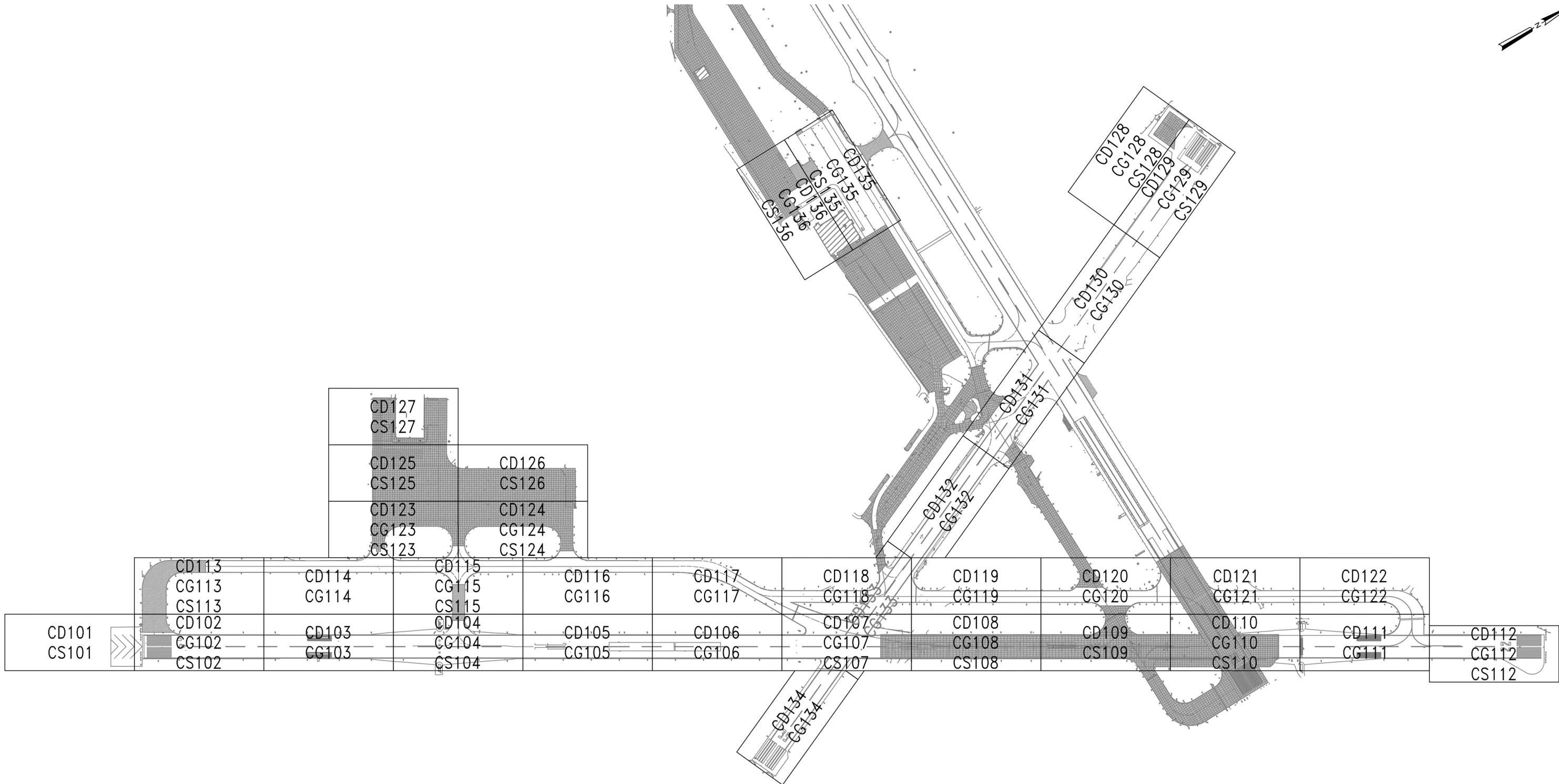


DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER	NASA SAFETY	CONSTRUCTION MANAGEMENT	ENGINEERING APPROVAL
SUBMITTED BY	FIRE PROTECTION	O & M	ENGINEERING GROUP LEADER
PROJECT MANAGER			BRANCH APPROVAL
			BRANCH HEAD

GRAPHIC SCALE	SCALE	PROJECT NUMBER: 1368232
NOT TO SCALE	NOT TO SCALE	DR. STH DATE:
		CK. LMH REVISED:

WALLOPS AIRFIELD REPAIR PROJECT CoF PHASE I		DRAWING NO.
NOTES, LEGEND, & ABBREVIATIONS		17197



A KEY PLAN
1" = 200'

C-100

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
Wallops Flight Facility
Wallops Island, Virginia 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER

SUBMITTED BY *[Signature]*
PROJECT MANAGER

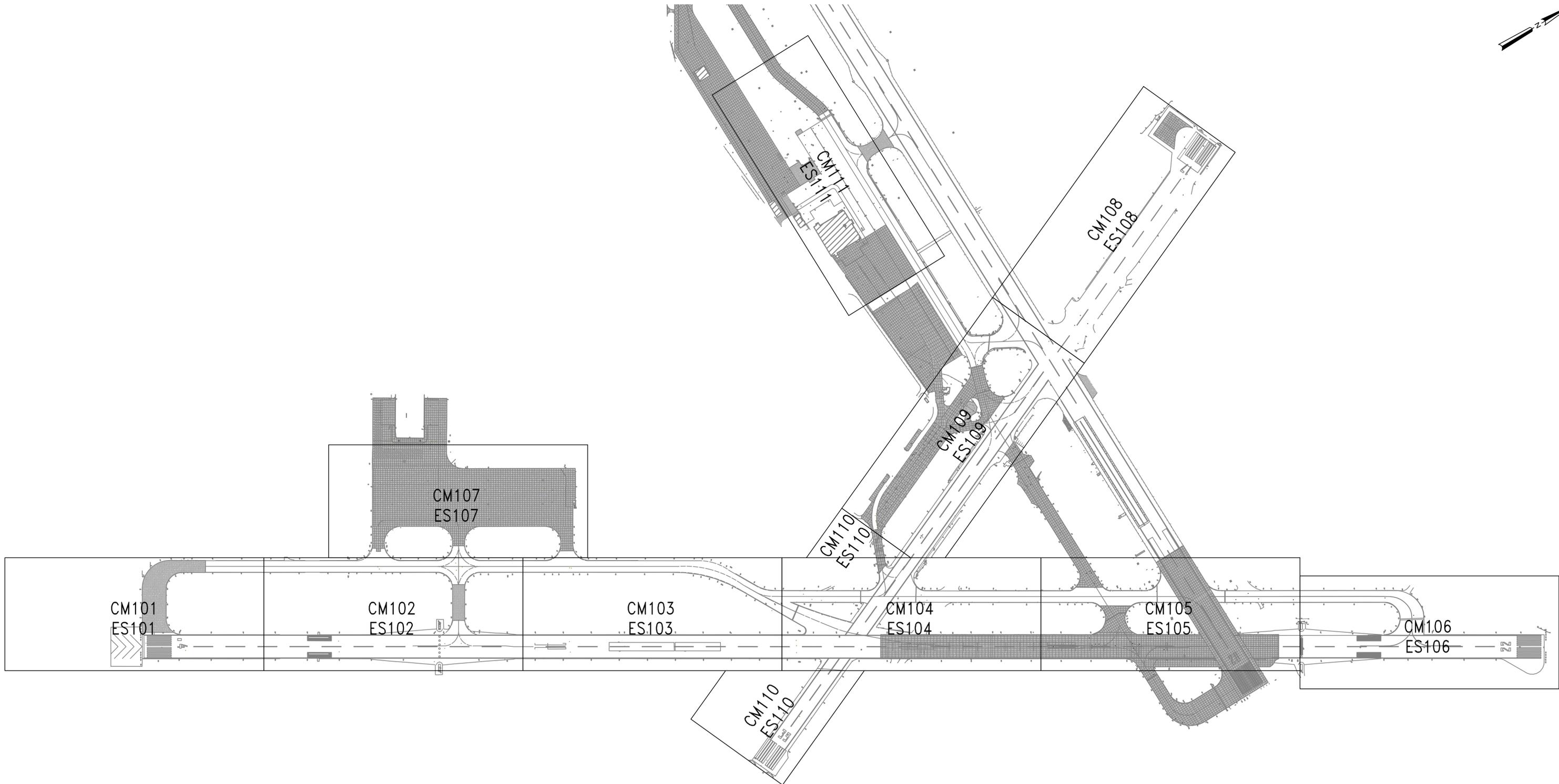
NASA SAFETY *[Signature]*
FIRE PROTECTION *[Signature]*

CONSTRUCTION MANAGEMENT *[Signature]*
O & M *[Signature]*

ENGINEERING APPROVAL *[Signature]*
ENGINEERING GROUP LEADER
BRANCH APPROVAL *[Signature]*
BRANCH HEAD

GRAPHIC SCALE
1" = 300' 0' 300' 600'
AUTOCAD - RELEASE 2010
FILE NAME: '1-1368232-C-'
SCALE 1" = 300'
SHEET 11 OF 171

Wallops Airfield Repair Project
CoF PHASE I
CD, CG, AND CS SERIES KEY PLAN
PROJECT NUMBER: 1368232
DRAWING NO. 17198
DR. STH
CK. LMH
DATE:
REVISED:



A KEY PLAN
1" = 200'

C-101

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY *[Signature]*
PROJECT MANAGER

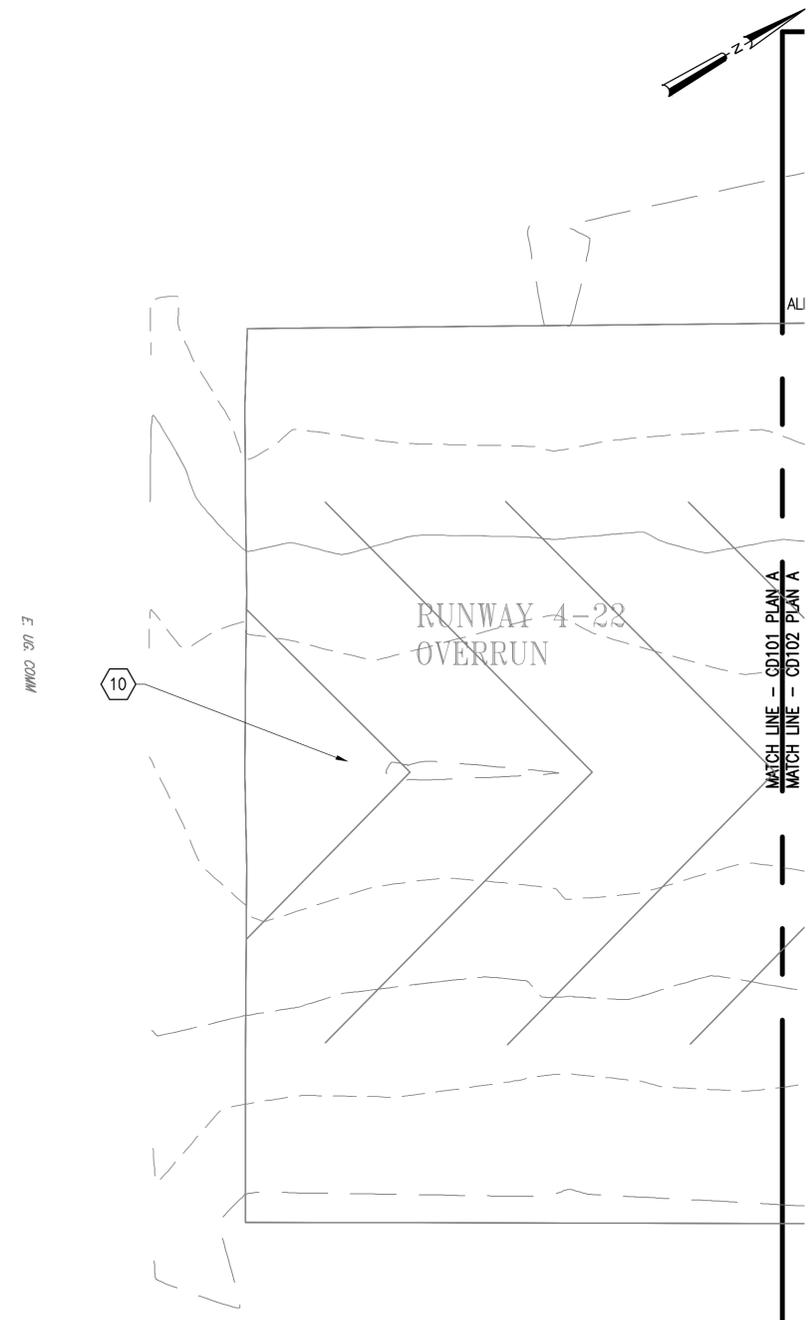
NASA SAFETY *[Signature]*
FIRE PROTECTION *[Signature]*

CONSTRUCTION MANAGEMENT *[Signature]*
O & M *[Signature]*

ENGINEERING APPROVAL *[Signature]*
ENGINEERING GROUP LEADER
BRANCH APPROVAL *[Signature]*
BRANCH HEAD

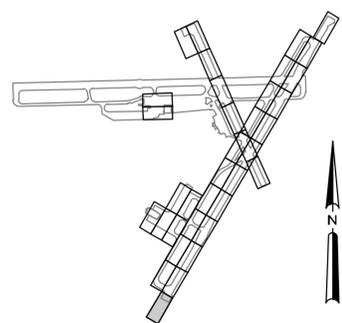
GRAPHIC SCALE
1" = 300' 0' 300' 600'
AUTOCAD - RELEASE 2010
FILE NAME: '1-1368232-C-'
SCALE 1" = 300'
SHEET 12 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
CM AND ES SERIES KEY PLAN
PROJECT NUMBER: 1368232
DRAWING NO. 17199
DR. STH
CK. LMH
DATE:
REVISED:



A EXIST. COND. AND DEMOLITION PLAN (1 OF 37)

1" = 25'



B KEY PLAN
NTS

CD101

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
Wallops Flight Facility
Wallops Island, Virginia 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
1" = 25'
0' 25' 50'

AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1

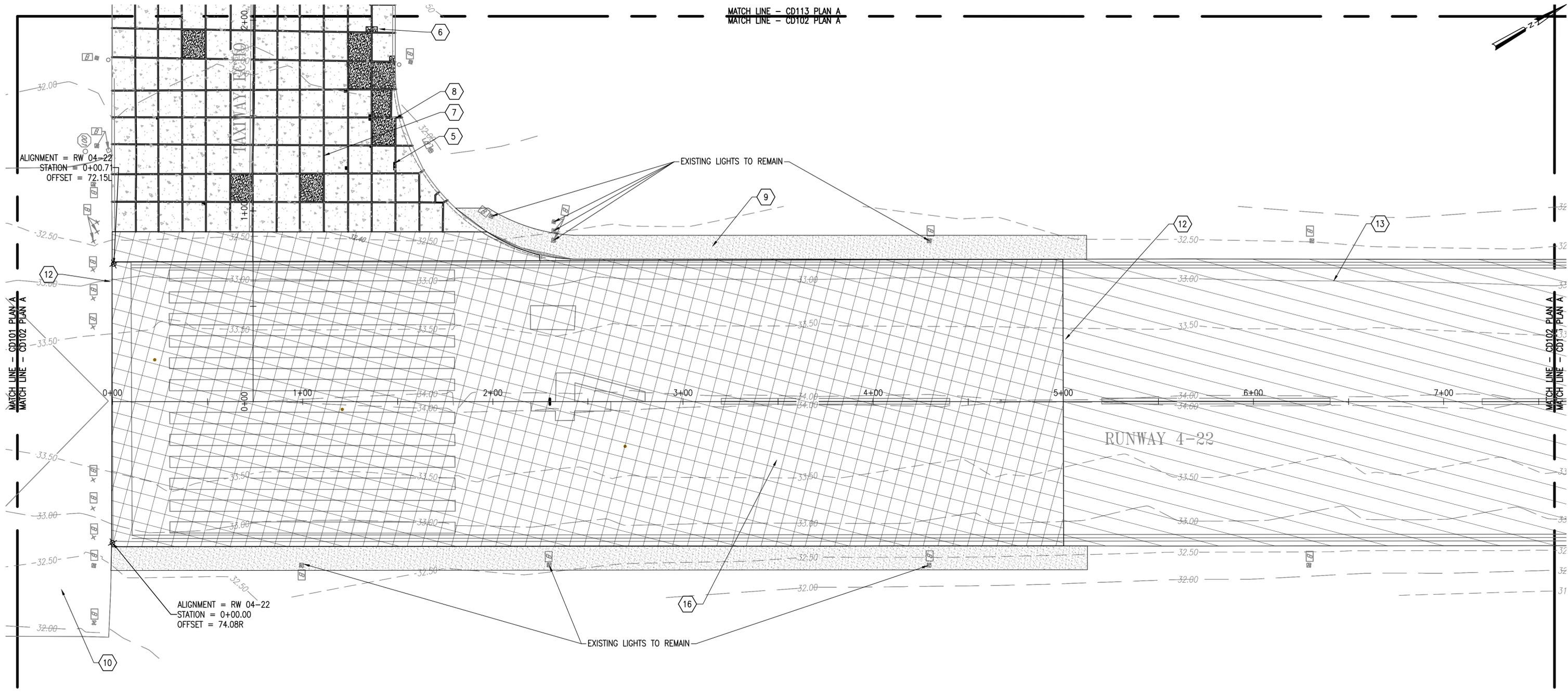
SCALE
1" = 25'
SHEET 13 OF 171

Wallops Airfield Repair Project
CoF Phase I
EXIST. COND. AND DEMOLITION PLAN

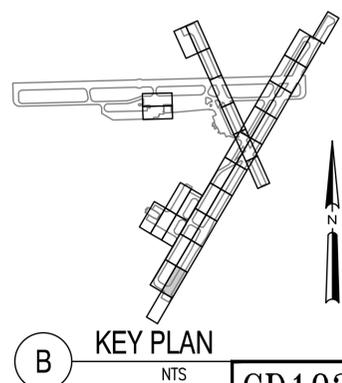
PROJECT NUMBER: 1368232
DRAWING NO. 17200

DR. MVT
CK. LMH

DATE:
REVISED:



A EXIST. COND. AND DEMOLITION PLAN (2 OF 37)
1" = 25'



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
1" = 25'
0' 25' 50'

AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1

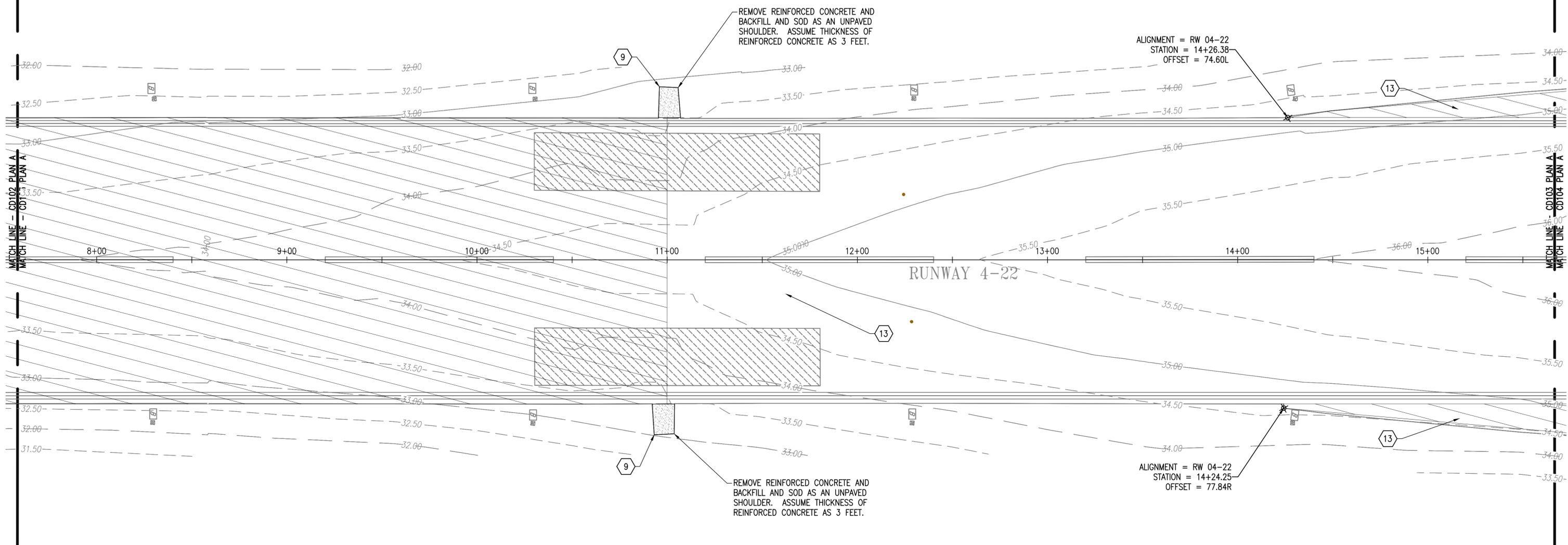
SCALE
1" = 25'
SHEET 14 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
EXIST. COND. AND DEMOLITION PLAN

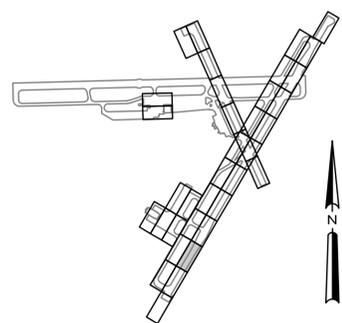
PROJECT NUMBER: 1368232
DRAWING NO. 17201

DR. MVT
CK. LMH
DATE:
REVISED:

MATCH LINE - CD114 PLAN A
 MATCH LINE - CD103 PLAN A



A EXIST. COND. AND DEMOLITION PLAN (3 OF 37)
 1" = 25'



B KEY PLAN
 NTS CD103

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 GODDARD SPACE FLIGHT CENTER
 WALLOPS FLIGHT FACILITY
 WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
 SUBMITTED BY
 PROJECT MANAGER

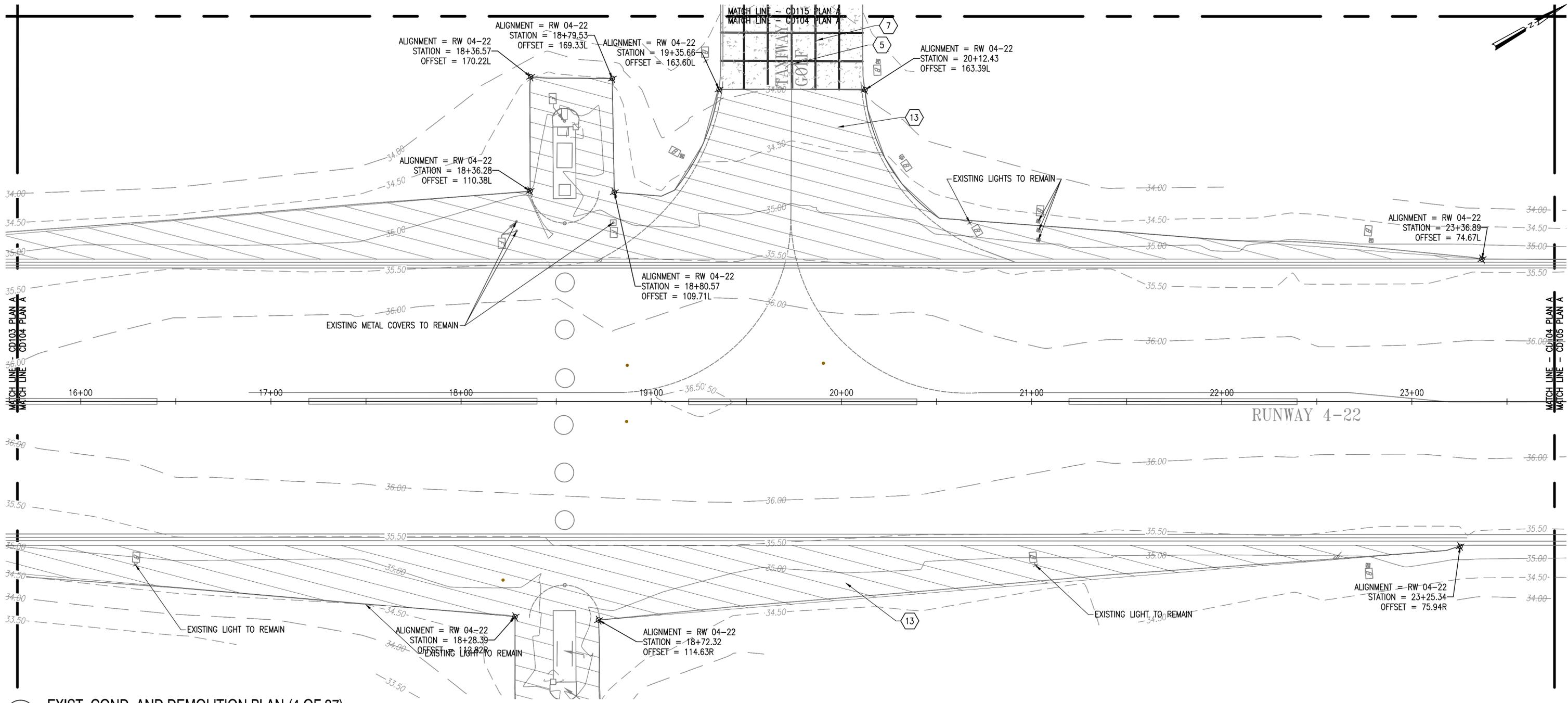
NASA SAFETY
 FIRE PROTECTION

CONSTRUCTION MANAGEMENT
 O & M

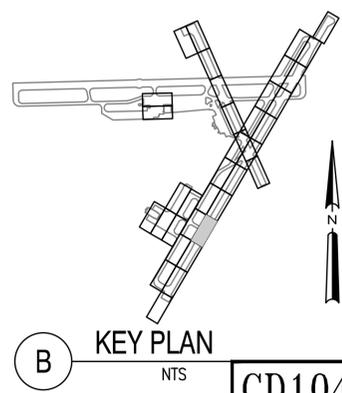
ENGINEERING APPROVAL
 ENGINEERING GROUP LEADER
 BRANCH APPROVAL
 BRANCH HEAD

GRAPHIC SCALE
 1" = 25' 0' 25' 50'
 AUTOCAD - RELEASE 2010
 FILE NAME: ...1337236-CD1
 SCALE
 1" = 25'
 SHEET 15 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
 CoF PHASE I
 EXIST. COND. AND DEMOLITION PLAN
 PROJECT NUMBER: 1368232
 DRAWING NO. 17202
 DR. MVT
 CK. LMH
 DATE:
 REVISED:

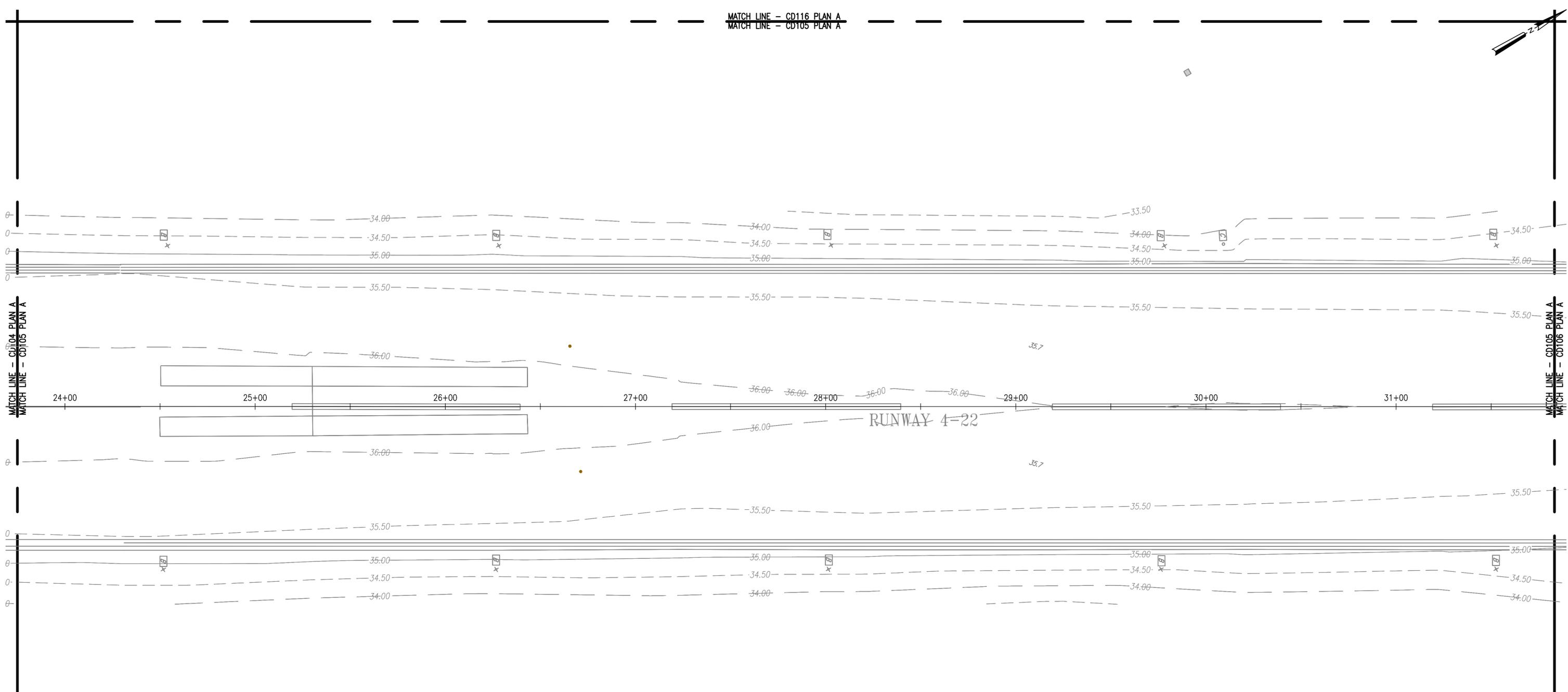


A EXIST. COND. AND DEMOLITION PLAN (4 OF 37)
1" = 25'

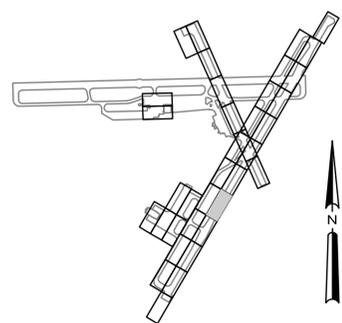


NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GODDARD SPACE FLIGHT CENTER WALLOPS FLIGHT FACILITY WALLOPS ISLAND, VIRGINIA 23337		DATE	LET.	REVISIONS	CK.	AP.	PROJECT ENGINEER	NASA SAFETY	CONSTRUCTION MANAGEMENT	ENGINEERING APPROVAL	GRAPHIC SCALE 1" = 25' 0' 25' 50' 1" = 25'	WALLOPS AIRFIELD REPAIR PROJECT CoF PHASE I		
									SUBMITTED BY	FIRE PROTECTION		O & M	BRANCH APPROVAL	AUTOCAD - RELEASE 2010 FILE NAME: ...1337236-CD1
							PROJECT MANAGER				BRANCH HEAD	SCALE 1" = 25' SHEET 16 OF 171	DATE: REVISIONS:	

MATCH LINE - CD116 PLAN A
 MATCH LINE - CD105 PLAN A



A EXIST. COND. AND DEMOLITION PLAN (5 OF 37)
 1" = 25'



B KEY PLAN
 NTS CD105

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 GODDARD SPACE FLIGHT CENTER
 WALLOPS FLIGHT FACILITY
 WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
 SUBMITTED BY
 PROJECT MANAGER

NASA SAFETY
 FIRE PROTECTION

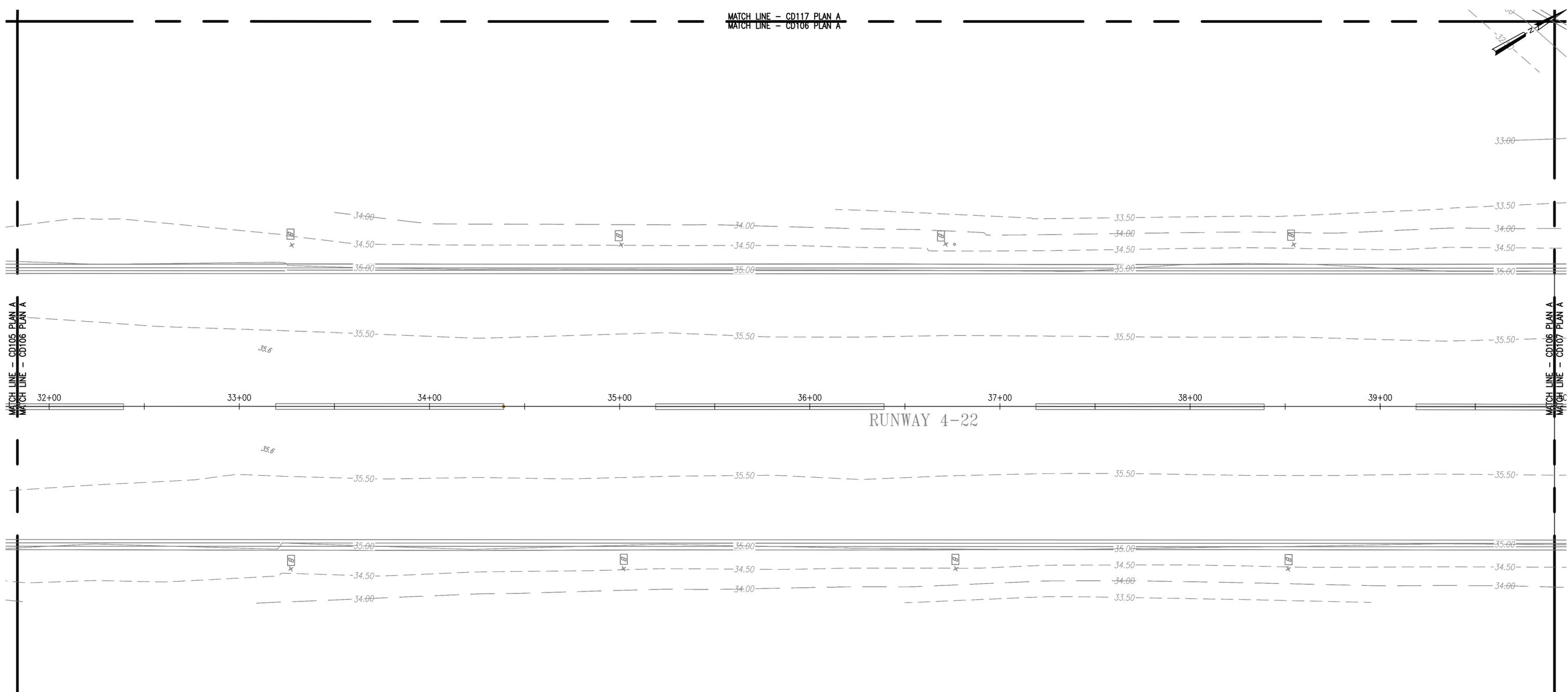
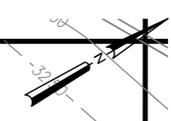
CONSTRUCTION MANAGEMENT
 O & M

ENGINEERING APPROVAL
 ENGINEERING GROUP LEADER
 BRANCH APPROVAL
 BRANCH HEAD

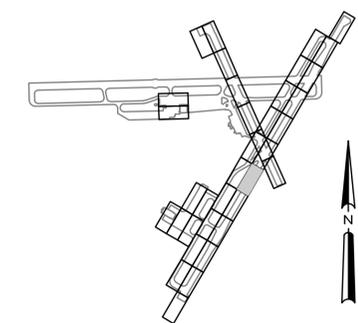
GRAPHIC SCALE
 1" = 25' 0' 25' 50'
 AUTOCAD - RELEASE 2010
 FILE NAME: ...1337236-CD1
 SCALE
 1" = 25'
 SHEET 17 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
 CoF PHASE I
 EXIST. COND. AND DEMOLITION PLAN
 PROJECT NUMBER: 1368232
 DR. MVT
 CK. LMH
 DATE:
 REVISED:
 DRAWING NO.
 17204

MATCH LINE - CD117 PLAN A
 MATCH LINE - CD106 PLAN A



A EXIST. COND. AND DEMOLITION PLAN (6 OF 37)
 1" = 25'



B KEY PLAN
 NTS CD106

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 GODDARD SPACE FLIGHT CENTER
 WALLOPS FLIGHT FACILITY
 WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
 SUBMITTED BY
 PROJECT MANAGER

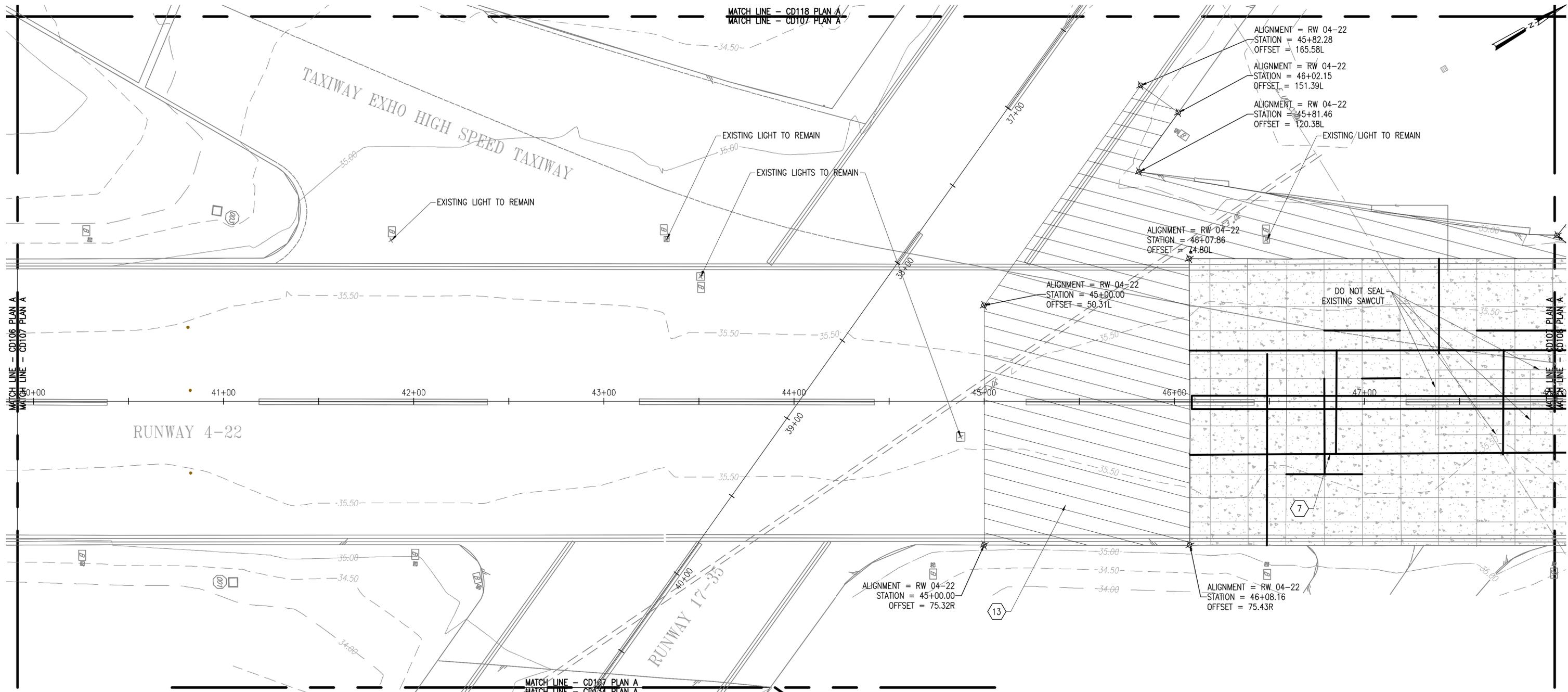
NASA SAFETY
 FIRE PROTECTION

CONSTRUCTION MANAGEMENT
 O & M

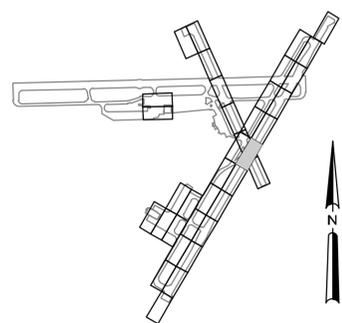
ENGINEERING APPROVAL
 ENGINEERING GROUP LEADER
 BRANCH APPROVAL
 BRANCH HEAD

GRAPHIC SCALE
 1" = 25' 0' 25' 50'
 AUTOCAD - RELEASE 2010
 FILE NAME: ...1337236-CD1
 SCALE
 1" = 25'
 SHEET 18 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
 CoF PHASE I
 EXIST. COND. AND DEMOLITION PLAN
 PROJECT NUMBER: 1368232
 DR. MVT
 CK. LMH
 DATE:
 REVISED:
 DRAWING NO.
 17205



A EXIST. COND. AND DEMOLITION PLAN (7 OF 37)
1" = 25'



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WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

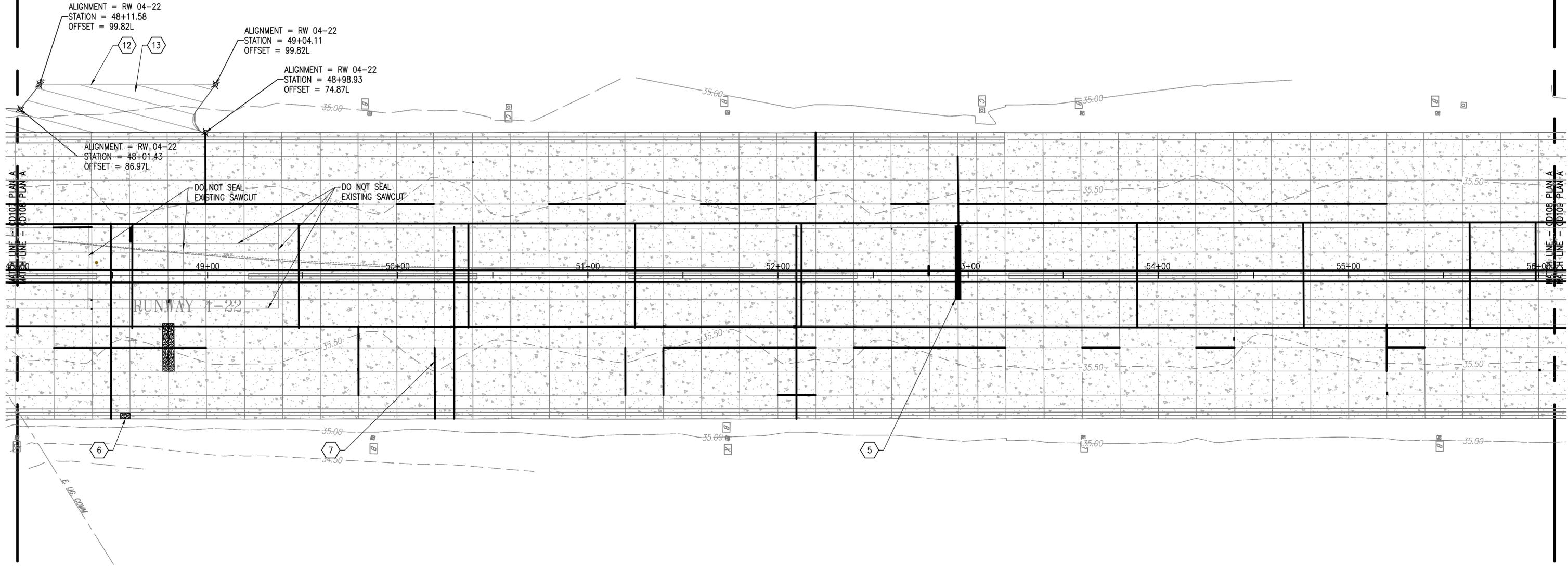
CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

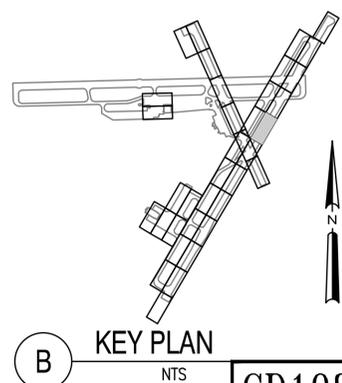
GRAPHIC SCALE
1" = 25'
AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
EXIST. COND. AND DEMOLITION PLAN
PROJECT NUMBER: 1368232
DRAWING NO. 17206

MATCH LINE - CD119 PLAN A
 MATCH LINE - CD108 PLAN A



A EXIST. COND. AND DEMOLITION PLAN (8 OF 37)
 1" = 25'



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 GODDARD SPACE FLIGHT CENTER
 WALLOPS FLIGHT FACILITY
 WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
 SUBMITTED BY
 PROJECT MANAGER

NASA SAFETY
 FIRE PROTECTION

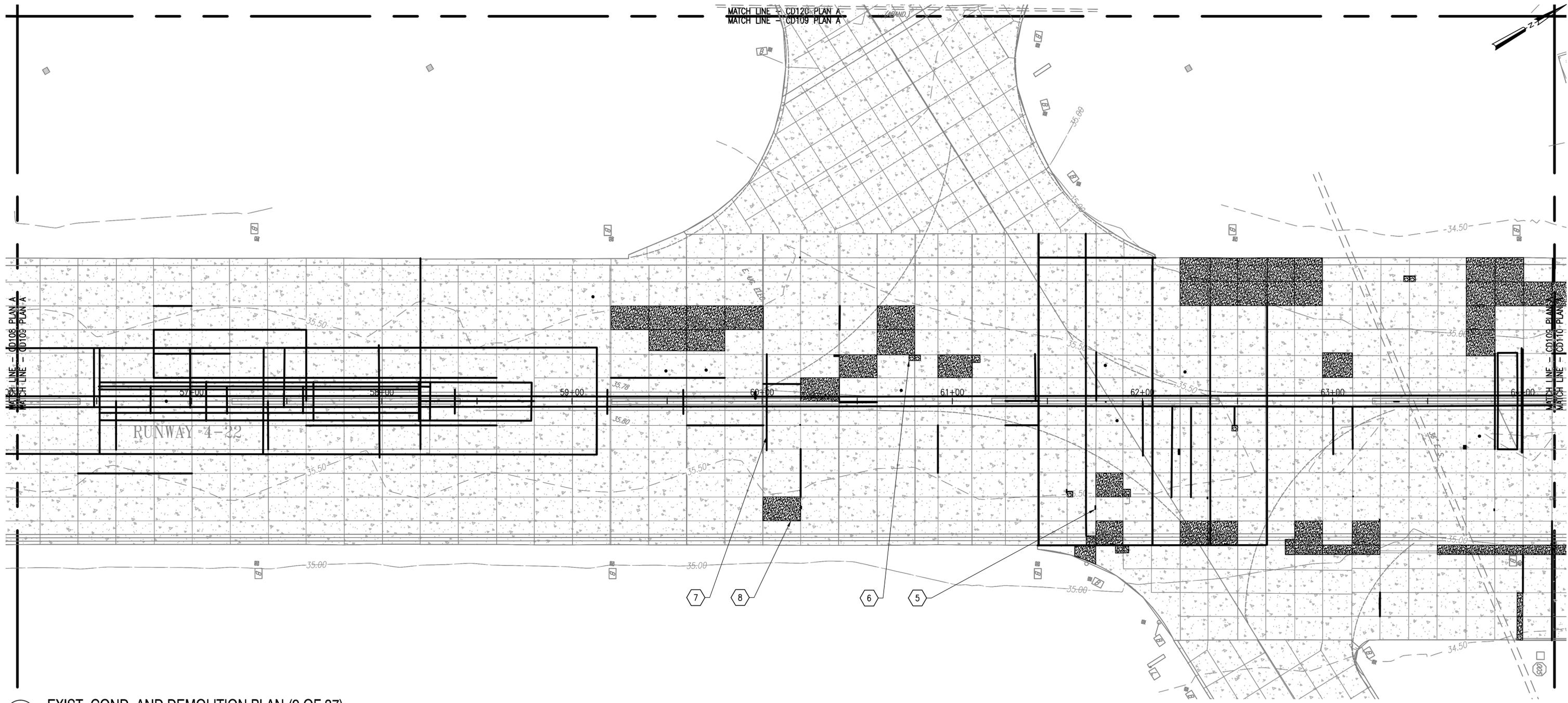
CONSTRUCTION MANAGEMENT
 O & M

ENGINEERING APPROVAL
 ENGINEERING GROUP LEADER
 BRANCH APPROVAL
 BRANCH HEAD

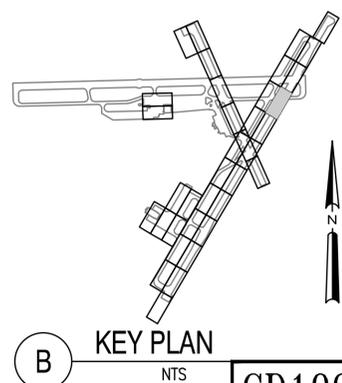
GRAPHIC SCALE
 1" = 25' 0' 25' 50'
 AUTOCAD - RELEASE 2010
 FILE NAME: ...1337236-CD1
 SCALE
 1" = 25'
 SHEET 20 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
 CoF PHASE I
 EXIST. COND. AND DEMOLITION PLAN
 PROJECT NUMBER: 1368232
 DR. STH
 CK. LMH
 DATE:
 REVISIONS:
 DRAWING NO.
17207

CD108



A EXIST. COND. AND DEMOLITION PLAN (9 OF 37)
1" = 25'



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
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WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

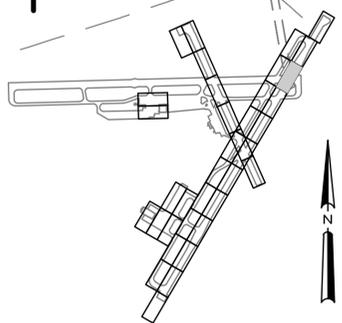
CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
1" = 25'
AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1
SCALE
1" = 25'
SHEET 21 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
EXIST. COND. AND DEMOLITION PLAN
PROJECT NUMBER: 1368232
DR. STH
CK. LMH
DATE:
REVISED:
DRAWING NO.
17208

CD109

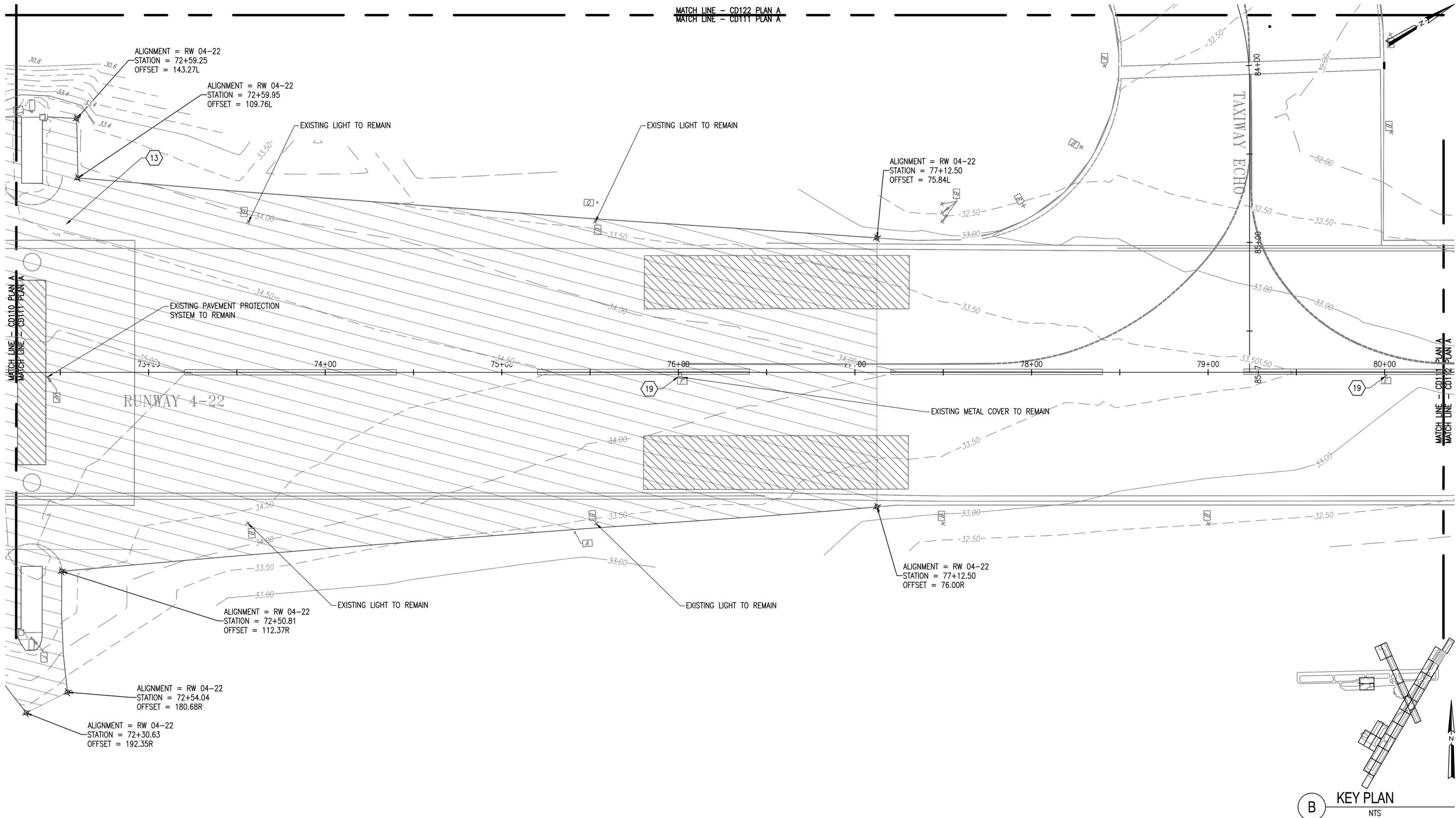


B KEY PLAN
NTS

A EXIST. COND. AND DEMOLITION PLAN (10 OF 37)
1" = 25'

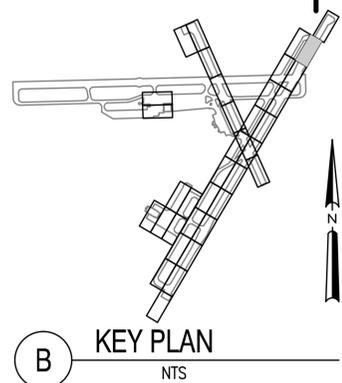
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GODDARD SPACE FLIGHT CENTER WALLOPS FLIGHT FACILITY WALLOPS ISLAND, VIRGINIA 23337		DATE	LET.	REVISIONS	CK.	AP.	PROJECT ENGINEER	NASA SAFETY	CONSTRUCTION MANAGEMENT	ENGINEERING APPROVAL	GRAPHIC SCALE 1" = 25' 0' 25' 50' 1" = 25'	WALLOPS AIRFIELD REPAIR PROJECT CoF PHASE I EXIST. COND. AND DEMOLITION PLAN	
		SUBMITTED BY		PROJECT MANAGER		FIRE PROTECTION	O & M	BRANCH APPROVAL	BRANCH HEAD	AUTOCAD - RELEASE 2010 FILE NAME: ...1337236-CD1		SCALE 1" = 25' SHEET 22 OF 171	PROJECT NUMBER: 1368232 DR. STH CK. LMH

MATCH LINE - CD122 PLAN A
 MATCH LINE - CD111 PLAN A



MATCH LINE - CD110 PLAN A
MATCH LINE - CD111 PLAN A

MATCH LINE - CD111 PLAN A
MATCH LINE - CD112 PLAN A



A EXIST. COND. AND DEMOLITION PLAN (11 OF 37)
 1" = 25'

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 GODDARD SPACE FLIGHT CENTER
 WALLOPS FLIGHT FACILITY
 WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
 SUBMITTED BY
 PROJECT MANAGER

NASA SAFETY
 FIRE PROTECTION

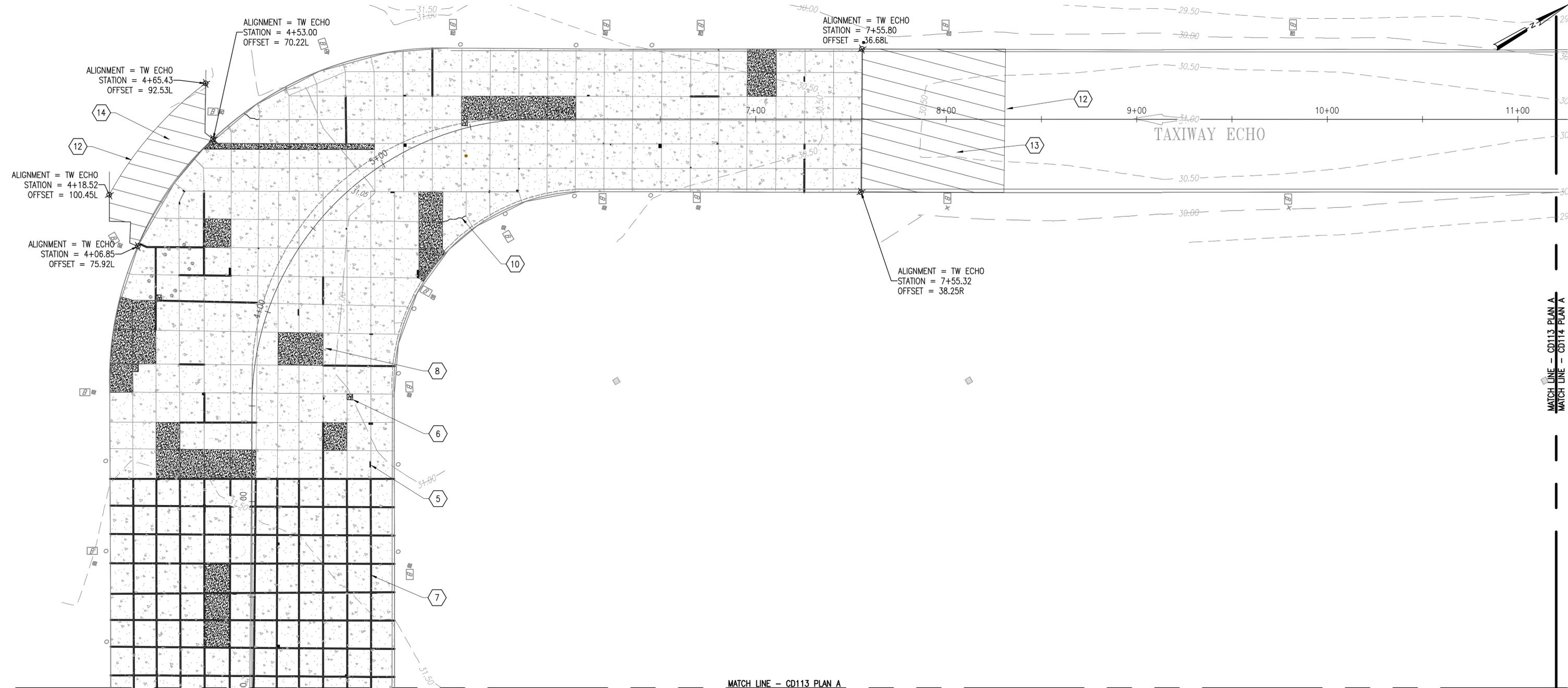
CONSTRUCTION MANAGEMENT
 O & M

ENGINEERING APPROVAL
 ENGINEERING GROUP LEADER
 BRANCH APPROVAL
 BRANCH HEAD

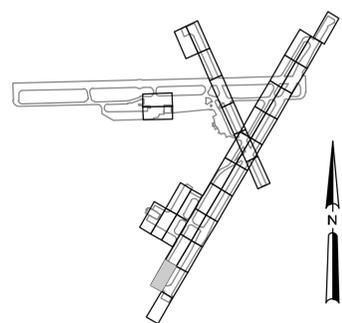
GRAPHIC SCALE
 1" = 25'
 AUTOCAD - RELEASE 2010
 FILE NAME: ...1337236-CD1
 SCALE
 1" = 25'
 SHEET 23 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
 CoF PHASE I
 EXIST. COND. AND DEMOLITION PLAN
 PROJECT NUMBER: 1368232
 DR. STH
 CK. LMH
 DATE:
 REVISD:
 DRAWING NO.
17210

CD111



A EXIST. COND. AND DEMOLITION PLAN (13 OF 37)
1" = 25'



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
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WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
1" = 25'
0' 25' 50'

AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1

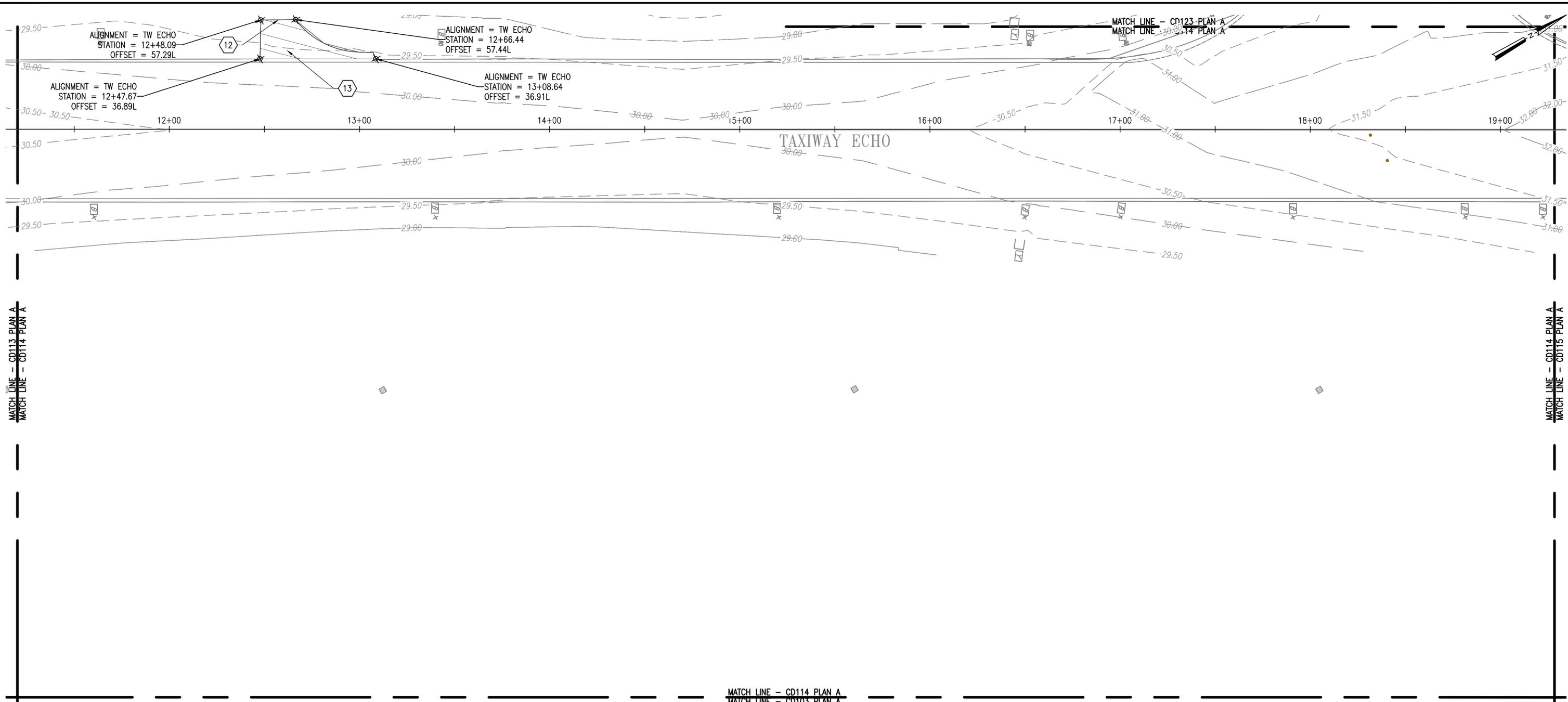
SCALE
1" = 25'
SHEET 25 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
EXIST. COND. AND DEMOLITION PLAN

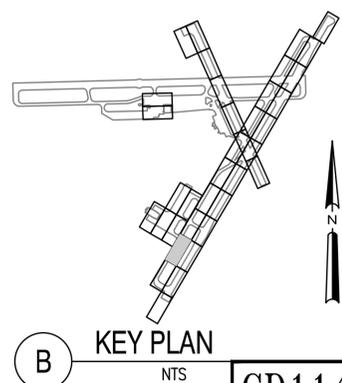
PROJECT NUMBER: 1368232
DRAWING NO. 17212

DR. MVT
CK. LMH

DATE:
REVISED:



A EXIST. COND. AND DEMOLITION PLAN (14 OF 37)
1" = 25'



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
1" = 25'
0' 25' 50'

AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1

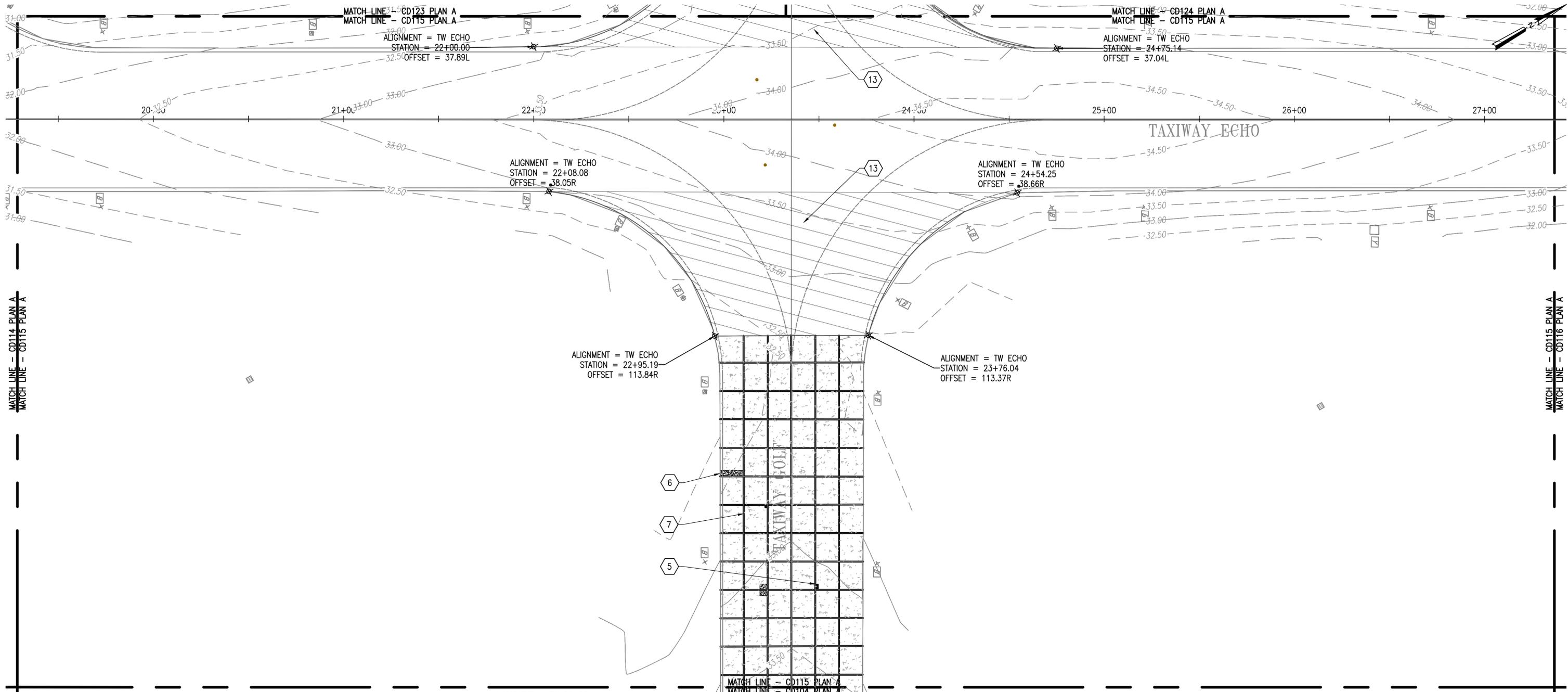
SCALE
1" = 25'
SHEET 26 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
EXIST. COND. AND DEMOLITION PLAN

PROJECT NUMBER: 1368232
DR. MVT
CK. LMH

DATE:
REVISED:

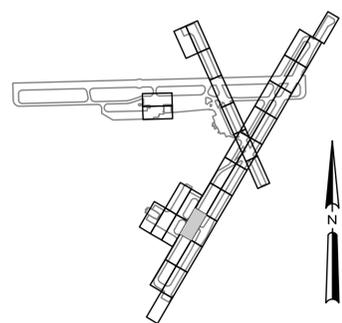
DRAWING NO.
17213



A EXIST. COND. AND DEMOLITION PLAN (15 OF 37)

1" = 25'

ALIGNMNT = RW 04-22



B KEY PLAN
NTS

CD115

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER

SUBMITTED BY
[Signature]
PROJECT MANAGER

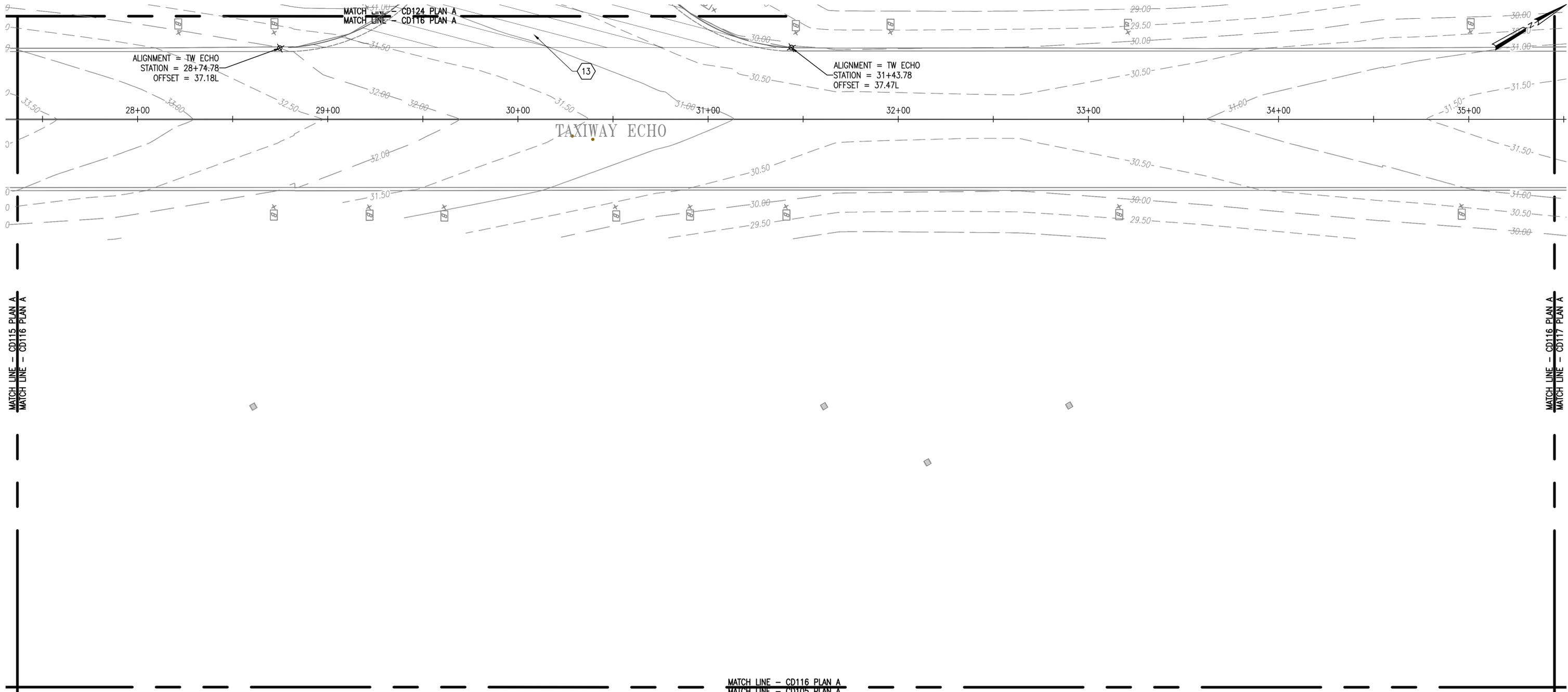
NASA SAFETY
[Signature]
FIRE PROTECTION
[Signature]

CONSTRUCTION MANAGEMENT
[Signature]
O & M
[Signature]

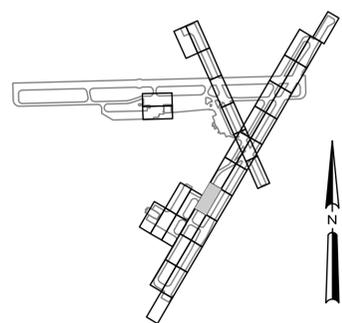
ENGINEERING APPROVAL
[Signature]
ENGINEERING GROUP LEADER
BRANCH APPROVAL
[Signature]
BRANCH HEAD

GRAPHIC SCALE
1" = 25' 0' 25' 50'
AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1
SCALE
1" = 25'
SHEET 27 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
EXIST. COND. AND DEMOLITION PLAN
PROJECT NUMBER: 1368232
DRAWING NO. 17214
DR. MVT
CK. LMH
DATE:
REVISED:

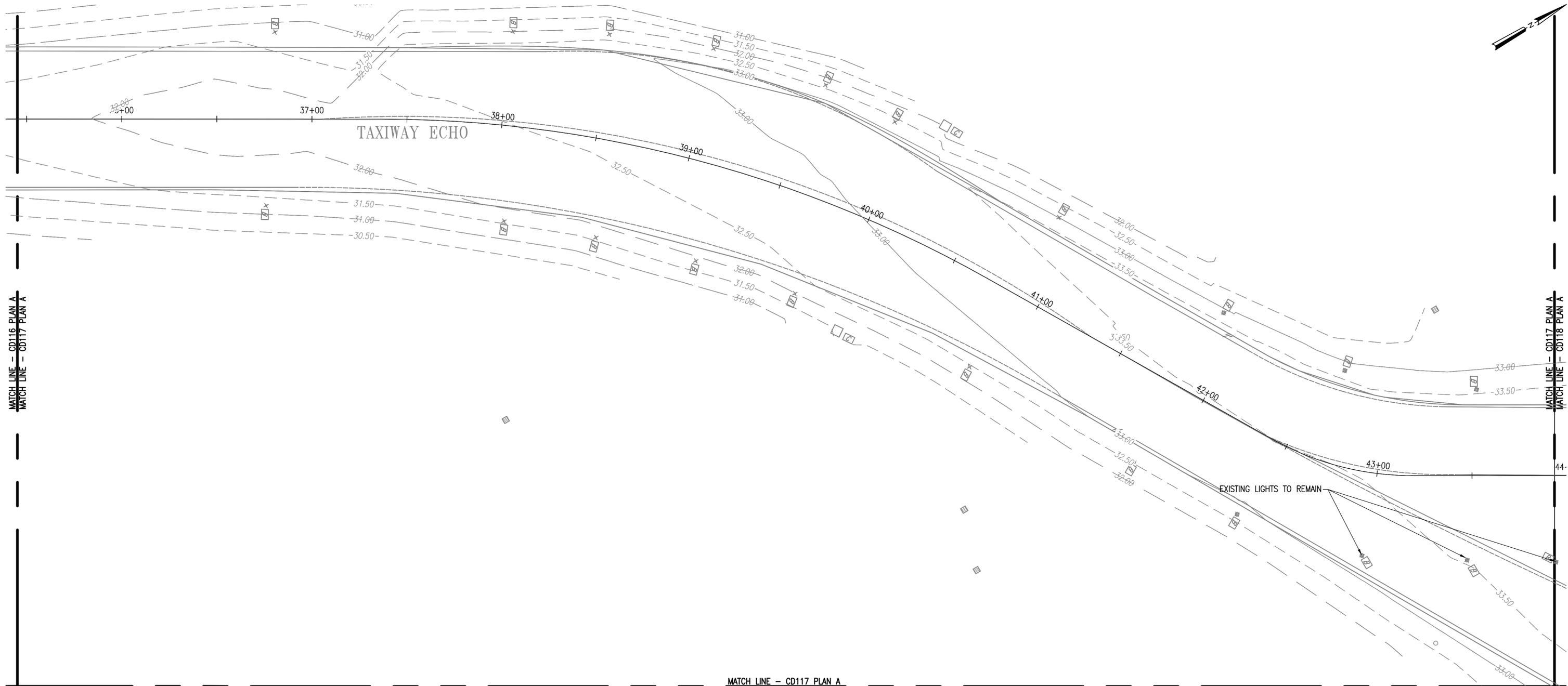


A EXIST. COND. AND DEMOLITION PLAN (16 OF 37)
1" = 25'



B KEY PLAN
NTS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GODDARD SPACE FLIGHT CENTER WALLOPS FLIGHT FACILITY WALLOPS ISLAND, VIRGINIA 23337		DATE	LET.	REVISIONS	CK.	AP.	PROJECT ENGINEER	NASA SAFETY	CONSTRUCTION MANAGEMENT	ENGINEERING APPROVAL	GRAPHIC SCALE 1" = 25' 0' 25' 50' 	WALLOPS AIRFIELD REPAIR PROJECT CoF PHASE I	
		SUBMITTED BY		PROJECT MANAGER		FIRE PROTECTION	O & M	BRANCH APPROVAL	BRANCH HEAD	AUTOCAD - RELEASE 2010 FILE NAME: ...1337236-CD1		SCALE 1" = 25' SHEET 28 OF 171	PROJECT NUMBER: 1368232 DR. MVT CK. LMH

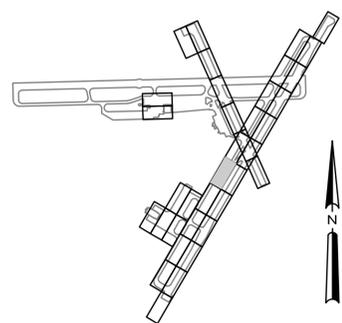


MATCH LINE - CD116 PLAN A
MATCH LINE - CD117 PLAN A

MATCH LINE - CD117 PLAN A
MATCH LINE - CD118 PLAN A

MATCH LINE - CD117 PLAN A
MATCH LINE - CD106 PLAN A

A EXIST. COND. AND DEMOLITION PLAN (17 OF 37)
1" = 25'



B KEY PLAN
NTS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
Wallops Flight Facility
Wallops Island, Virginia 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

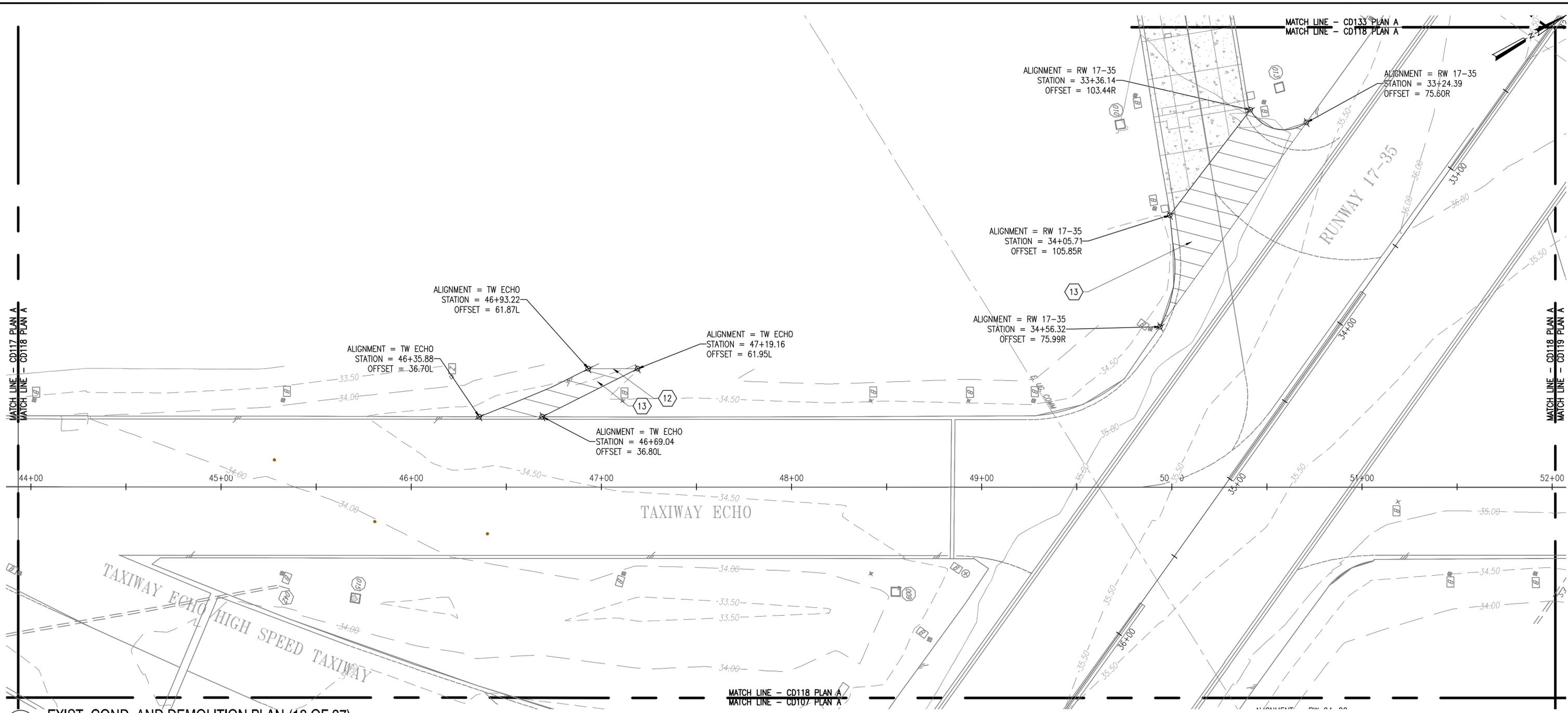
NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

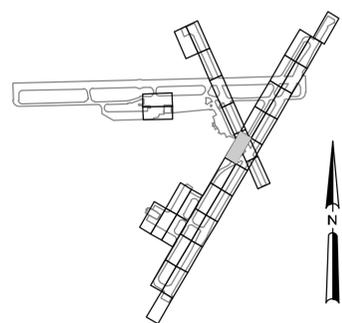
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
1" = 25' 0' 25' 50'
AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1
SCALE
1" = 25'
SHEET 29 OF 171

Wallops Airfield Repair Project
CoF Phase I
EXIST. COND. AND DEMOLITION PLAN
PROJECT NUMBER: 1368232
DRAWING NO. 17216
DR. MVT
CK. LMH
DATE:
REVISED:



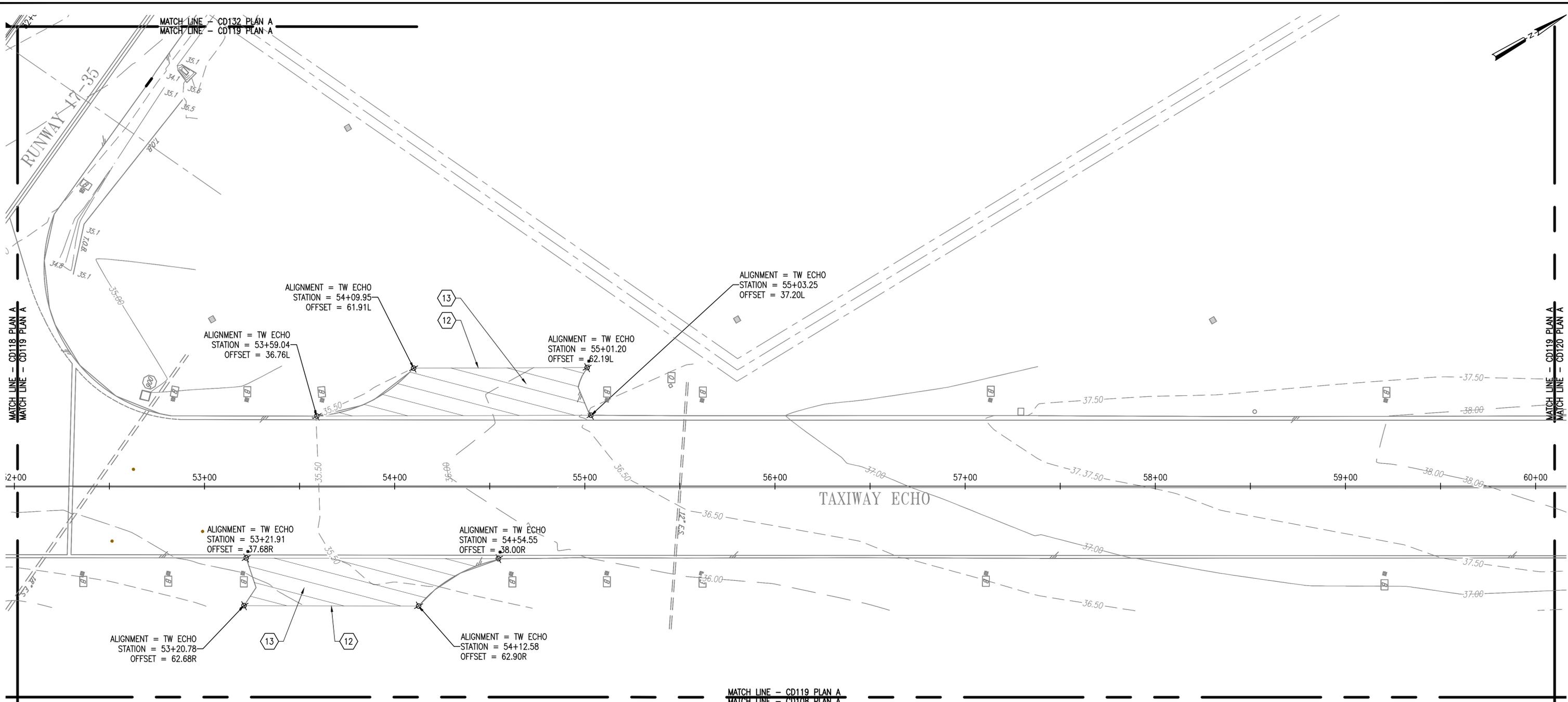
A EXIST. COND. AND DEMOLITION PLAN (18 OF 37)
1" = 25'



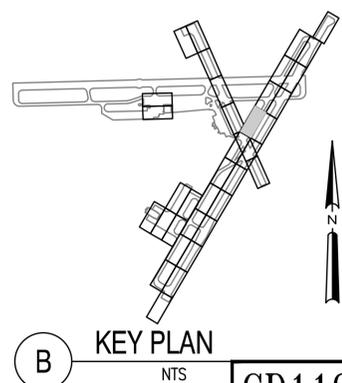
B KEY PLAN
NTS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GODDARD SPACE FLIGHT CENTER WALLOPS FLIGHT FACILITY WALLOPS ISLAND, VIRGINIA 23337		DATE	LET.	REVISIONS	CK.	AP.	PROJECT ENGINEER	NASA SAFETY	CONSTRUCTION MANAGEMENT	ENGINEERING APPROVAL	GRAPHIC SCALE 1" = 25' 0' 25' 50' 1" = 25'	WALLOPS AIRFIELD REPAIR PROJECT CoF PHASE I	
								SUBMITTED BY <i>[Signature]</i> PROJECT MANAGER	FIRE PROTECTION <i>[Signature]</i>	O & M <i>[Signature]</i>		BRANCH APPROVAL <i>[Signature]</i> BRANCH HEAD	AUTOCAD - RELEASE 2010 FILE NAME: ...1337236-CD1 SHEET 30 OF 171

CD118



A EXIST. COND. AND DEMOLITION PLAN (19 OF 37)
1" = 25'



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
Wallops Flight Facility
Wallops Island, Virginia 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

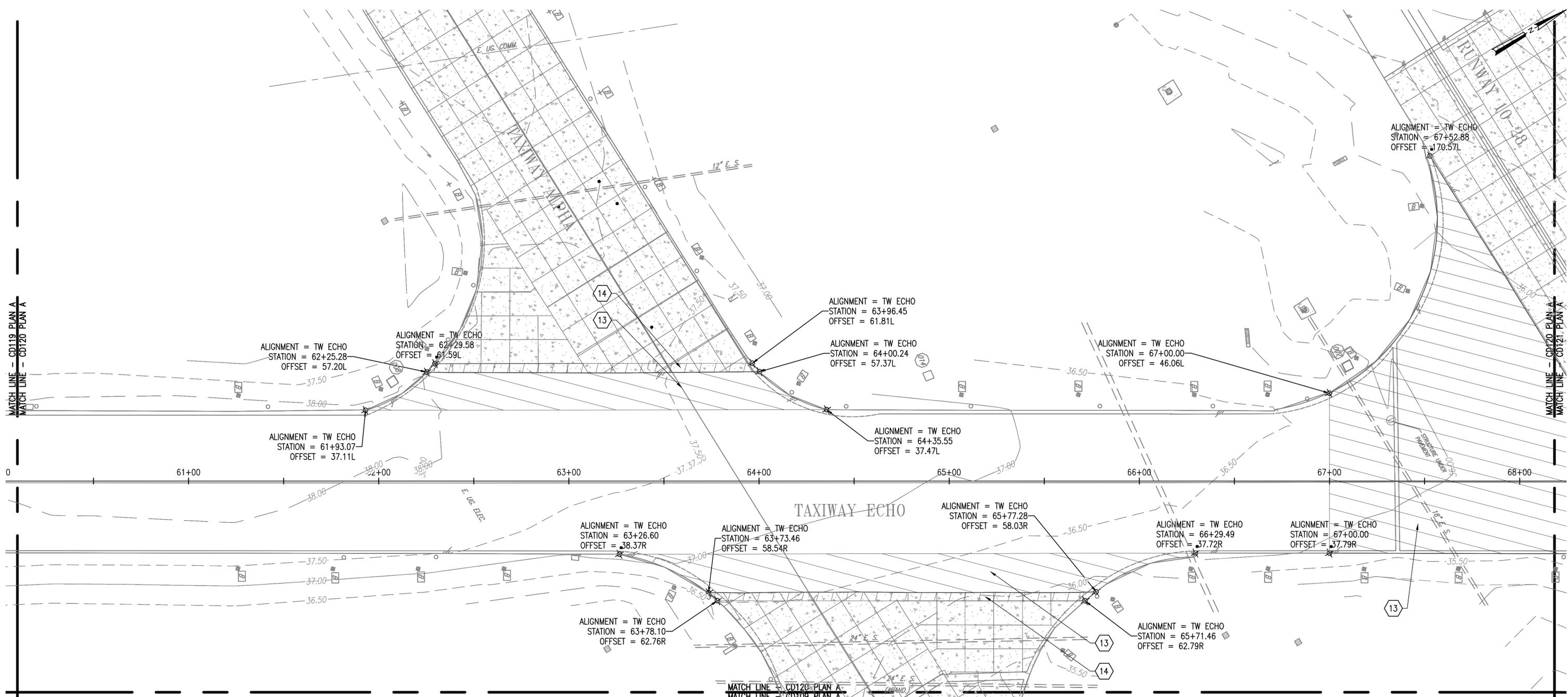
NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

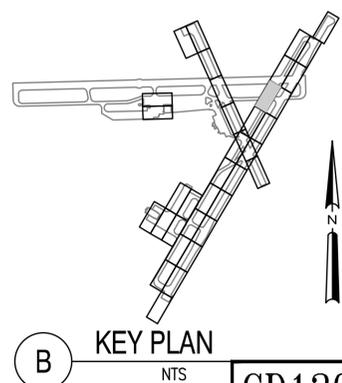
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
1" = 25'
0' 25' 50'
AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1
SCALE
1" = 25'
SHEET 31 OF 171

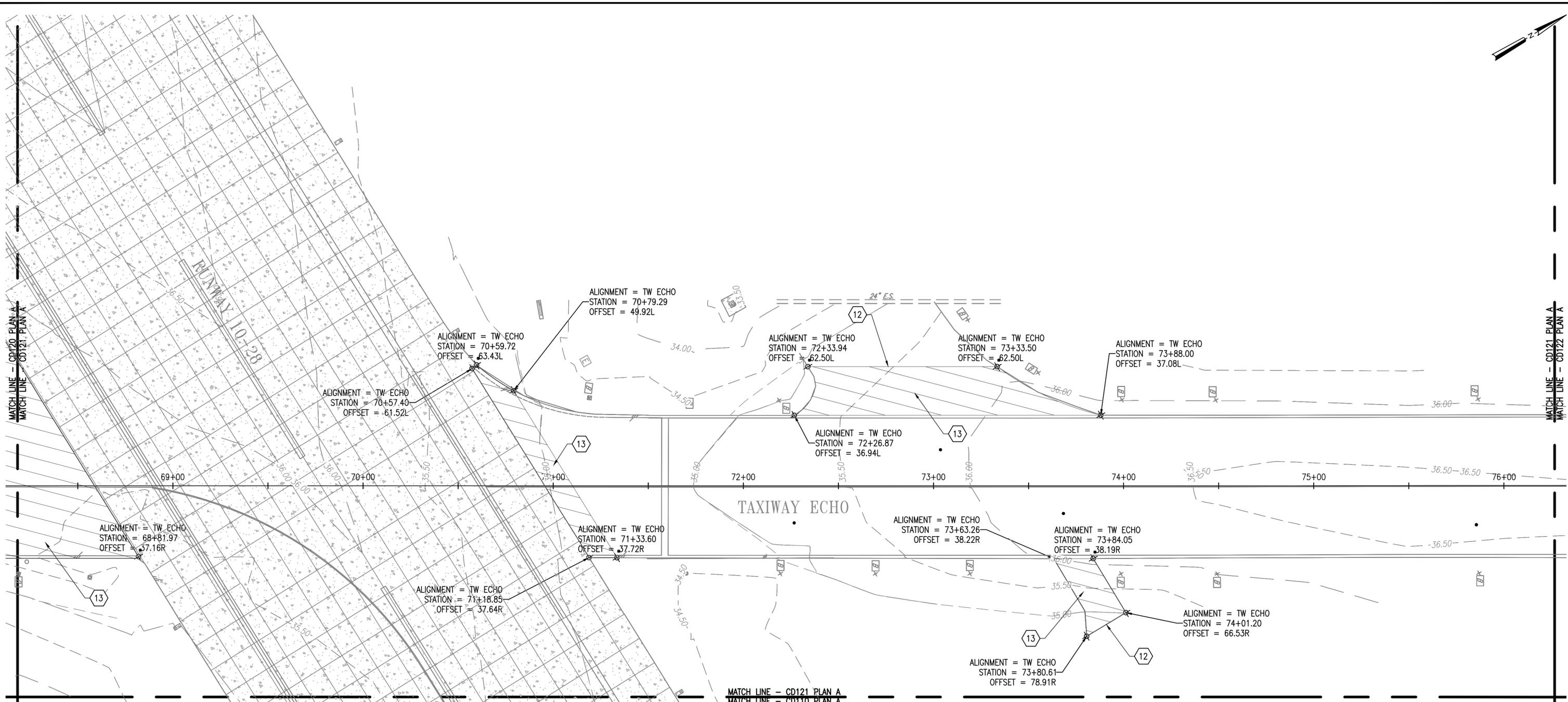
Wallops Airfield Repair Project
CoF Phase I
EXIST. COND. AND DEMOLITION PLAN
PROJECT NUMBER: 1368232
DRAWING NO. 17218
DR. STH
CK. LMH
DATE:
REVISED:



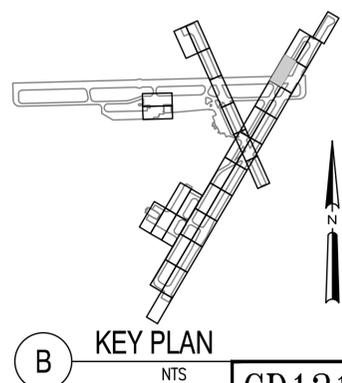
A EXIST. COND. AND DEMOLITION PLAN (20 OF 37)
1" = 25'



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GODDARD SPACE FLIGHT CENTER WALLOPS FLIGHT FACILITY WALLOPS ISLAND, VIRGINIA 23337	DATE	LET.	REVISIONS	CK.	AP.	PROJECT ENGINEER	NASA SAFETY	CONSTRUCTION MANAGEMENT	ENGINEERING APPROVAL	GRAPHIC SCALE	WALLOPS AIRFIELD REPAIR PROJECT CoF PHASE I EXIST. COND. AND DEMOLITION PLAN PROJECT NUMBER: 1368232 DR. STH DATE: _____ CK. LMH REVISED: _____	DRAWING NO. 17219
						SUBMITTED BY	FIRE PROTECTION	O & M	BRANCH APPROVAL	1" = 25' 0' 25' 50' SCALE 1" = 25' AUTOCAD - RELEASE 2010 FILE NAME: ...1337236-CD1 SHEET 32 OF 171		
						PROJECT MANAGER			BRANCH HEAD			



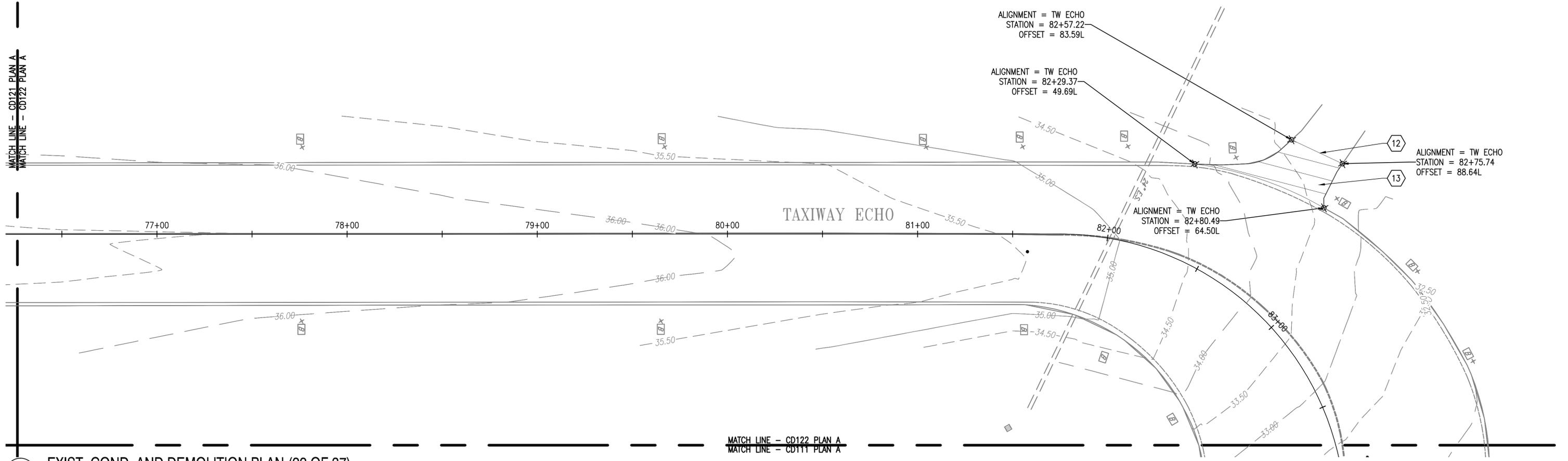
A EXIST. COND. AND DEMOLITION PLAN (21 OF 37)
1" = 25'



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GODDARD SPACE FLIGHT CENTER WALLOPS FLIGHT FACILITY WALLOPS ISLAND, VIRGINIA 23337		DATE	LET.	REVISIONS	CK.	AP.	PROJECT ENGINEER	NASA SAFETY	CONSTRUCTION MANAGEMENT	ENGINEERING APPROVAL	GRAPHIC SCALE 1" = 25' 0' 25' 50'	WALLOPS AIRFIELD REPAIR PROJECT CoF PHASE I	
		SUBMITTED BY		PROJECT MANAGER		FIRE PROTECTION	O & M	BRANCH APPROVAL	BRANCH HEAD	AUTOCAD - RELEASE 2010 FILE NAME: ...1337236-CD1		SCALE 1" = 25'	PROJECT NUMBER: 1368232 DR. STH CK. LMH

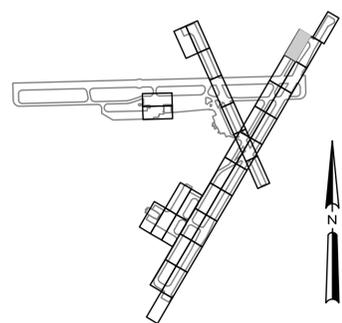


W/CH LINE - CD121 PLAN A
W/CH LINE - CD122 PLAN A



A EXIST. COND. AND DEMOLITION PLAN (22 OF 37)
1" = 25'

MATCH LINE - CD122 PLAN A
MATCH LINE - CD111 PLAN A



B KEY PLAN
NTS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

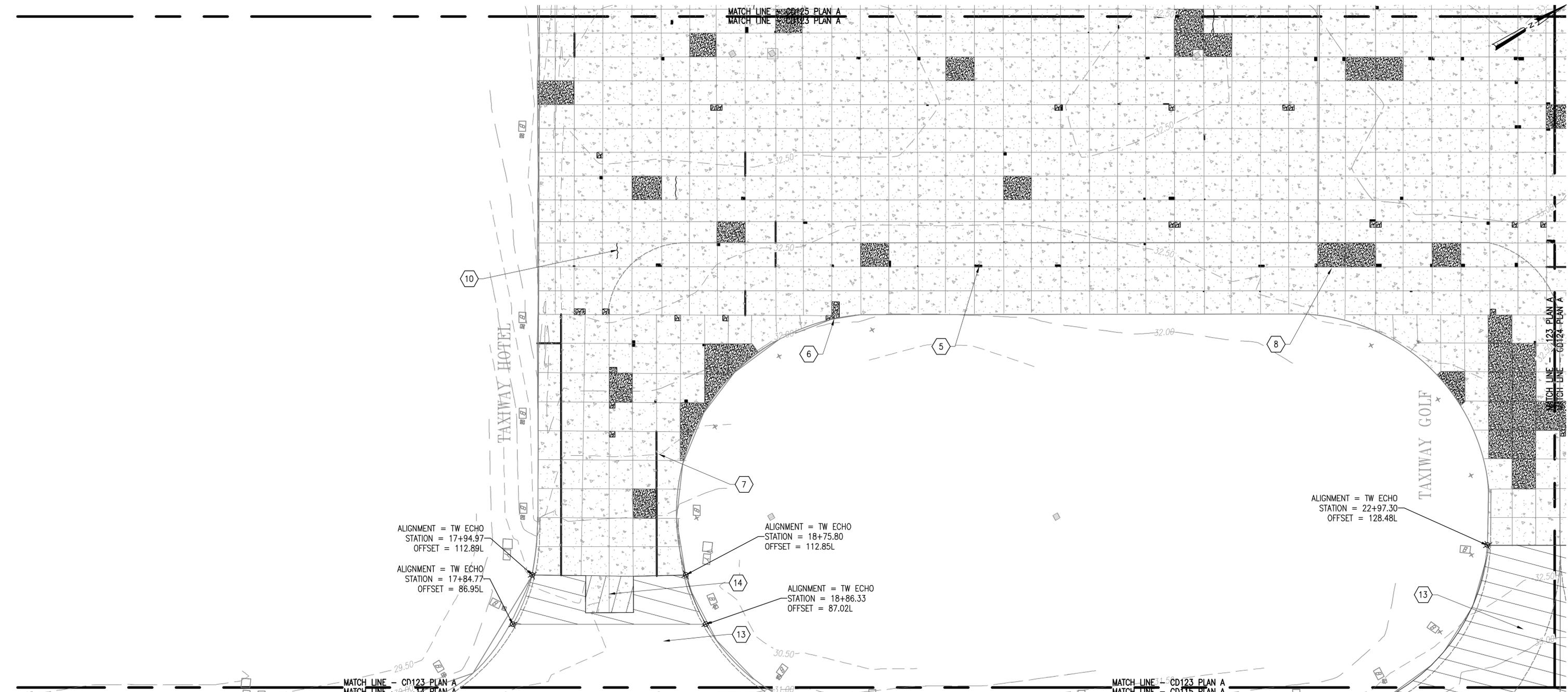
CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

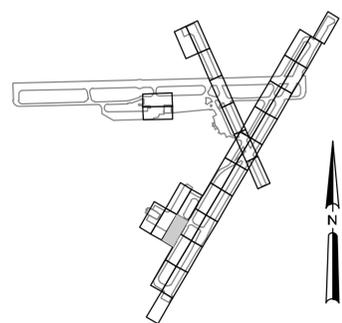
GRAPHIC SCALE
1" = 25' 0' 25' 50'
AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1
SCALE
1" = 25'
SHEET 34 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
EXIST. COND. AND DEMOLITION PLAN
PROJECT NUMBER: 1368232
DR. STH
CK. LMH
DATE:
REVISED:
DRAWING NO.
17221

CD122



A EXIST. COND. AND DEMOLITION PLAN (23 OF 37)
1" = 25'



B KEY PLAN
NTS

CD123

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
1" = 25'
0' 25' 50'

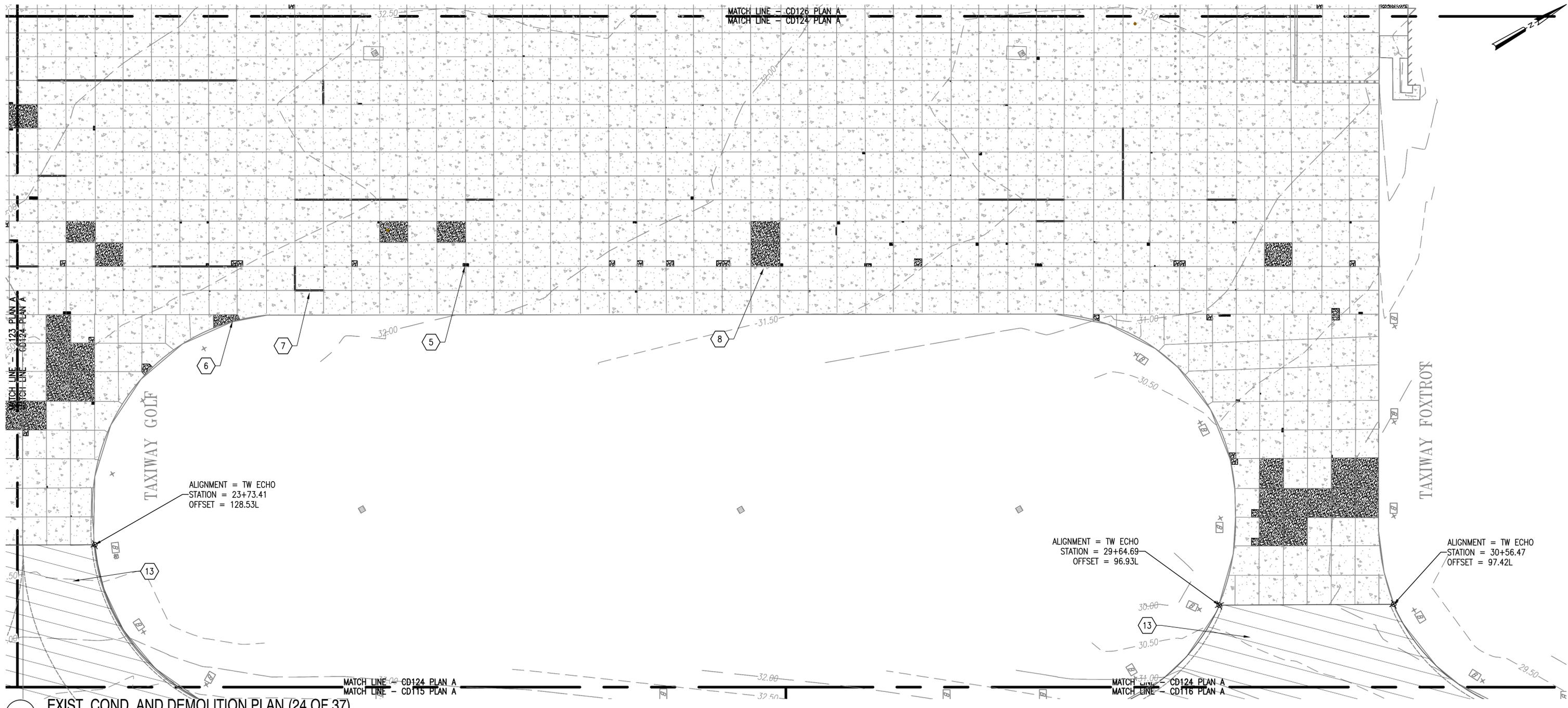
AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1

SCALE
1" = 25'
SHEET 35 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
EXIST. COND. AND DEMOLITION PLAN

PROJECT NUMBER: 1368232
DRAWING NO. 17222

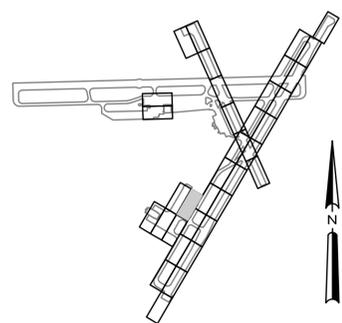
DR. MVT
CK. LMH
DATE:
REVISED:



A

EXIST. COND. AND DEMOLITION PLAN (24 OF 37)

1" = 25'



B KEY PLAN
NTS

CD124

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
1" = 25' 0' 25' 50'

AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1

SCALE
1" = 25'

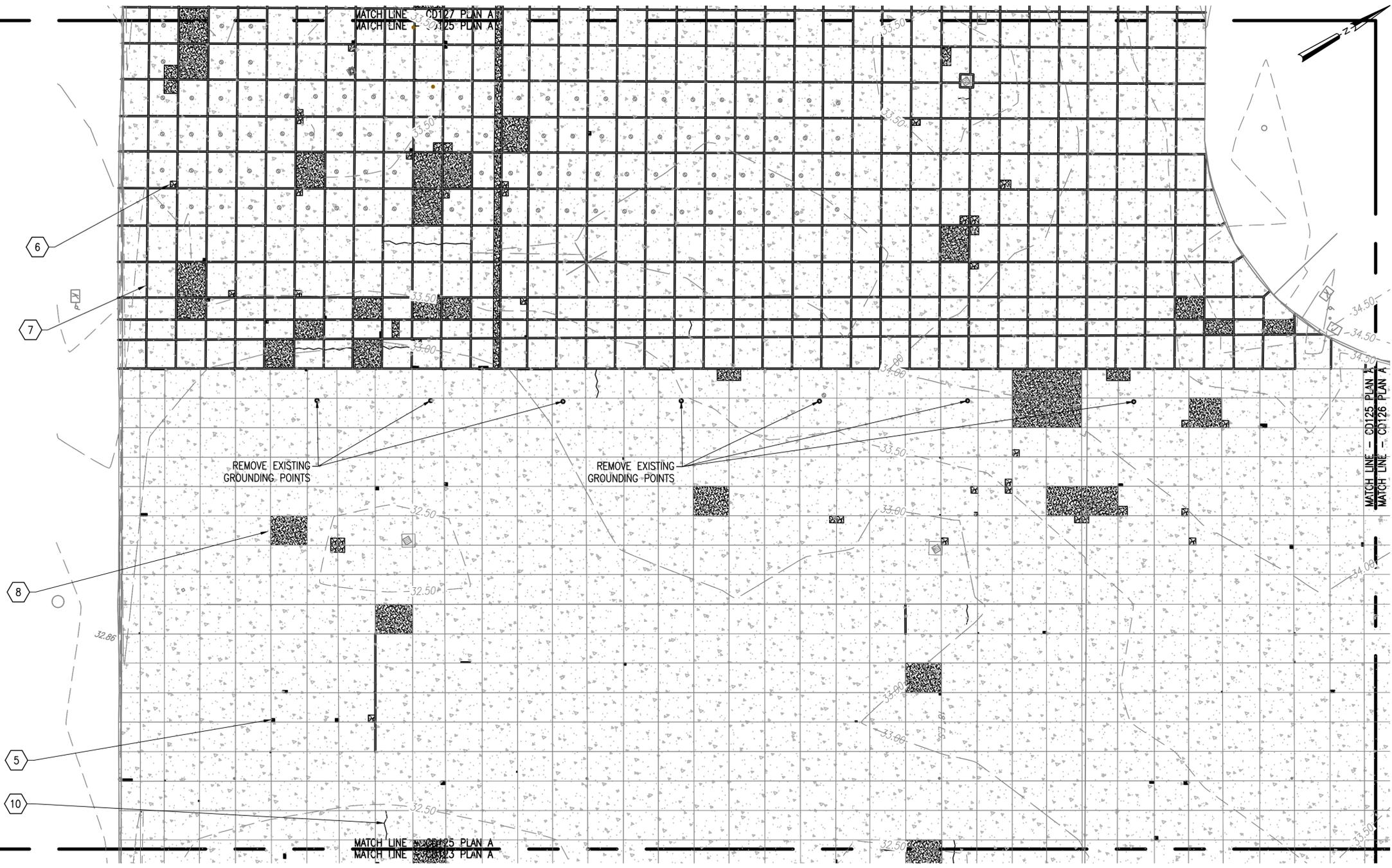
SHEET 36 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
EXIST. COND. AND DEMOLITION PLAN

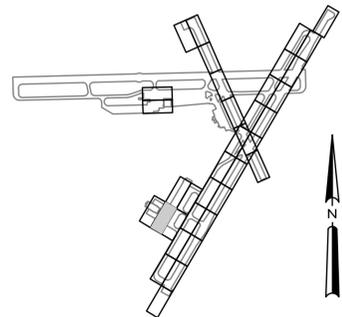
PROJECT NUMBER: 1368232
DRAWING NO. 17223

DR. MVT
CK. LMH

DATE:
REVISED:



A EXIST. COND. AND DEMOLITION PLAN (25 OF 37)
1" = 25'



B KEY PLAN
NTS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
Wallops Flight Facility
Wallops Island, Virginia 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER

SUBMITTED BY *[Signature]*
PROJECT MANAGER

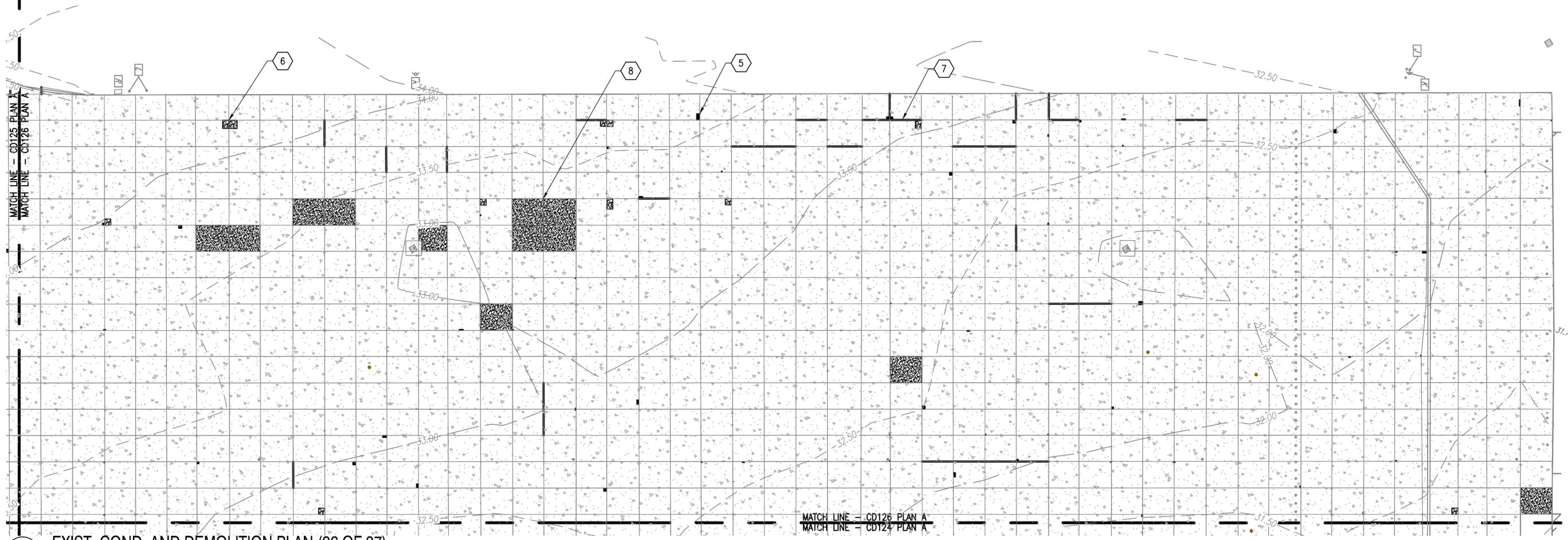
NASA SAFETY *[Signature]*
FIRE PROTECTION *[Signature]*

CONSTRUCTION MANAGEMENT *[Signature]*
O & M *[Signature]*

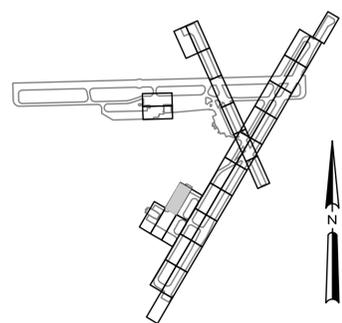
ENGINEERING APPROVAL *[Signature]*
ENGINEERING GROUP LEADER
BRANCH APPROVAL *[Signature]*
BRANCH HEAD

GRAPHIC SCALE
1" = 25' 0' 25' 50'
AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1
SCALE 1" = 25'
SHEET 37 OF 171

Wallops Airfield Repair Project
CoF Phase I
EXIST. COND. AND DEMOLITION PLAN
PROJECT NUMBER: 1368232
DRAWING NO. 17224
DR. MVT DATE:
CK. LMH REVISED:
SHEET 37 OF 171



A EXIST. COND. AND DEMOLITION PLAN (26 OF 37)
1" = 25'



B KEY PLAN
NTS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

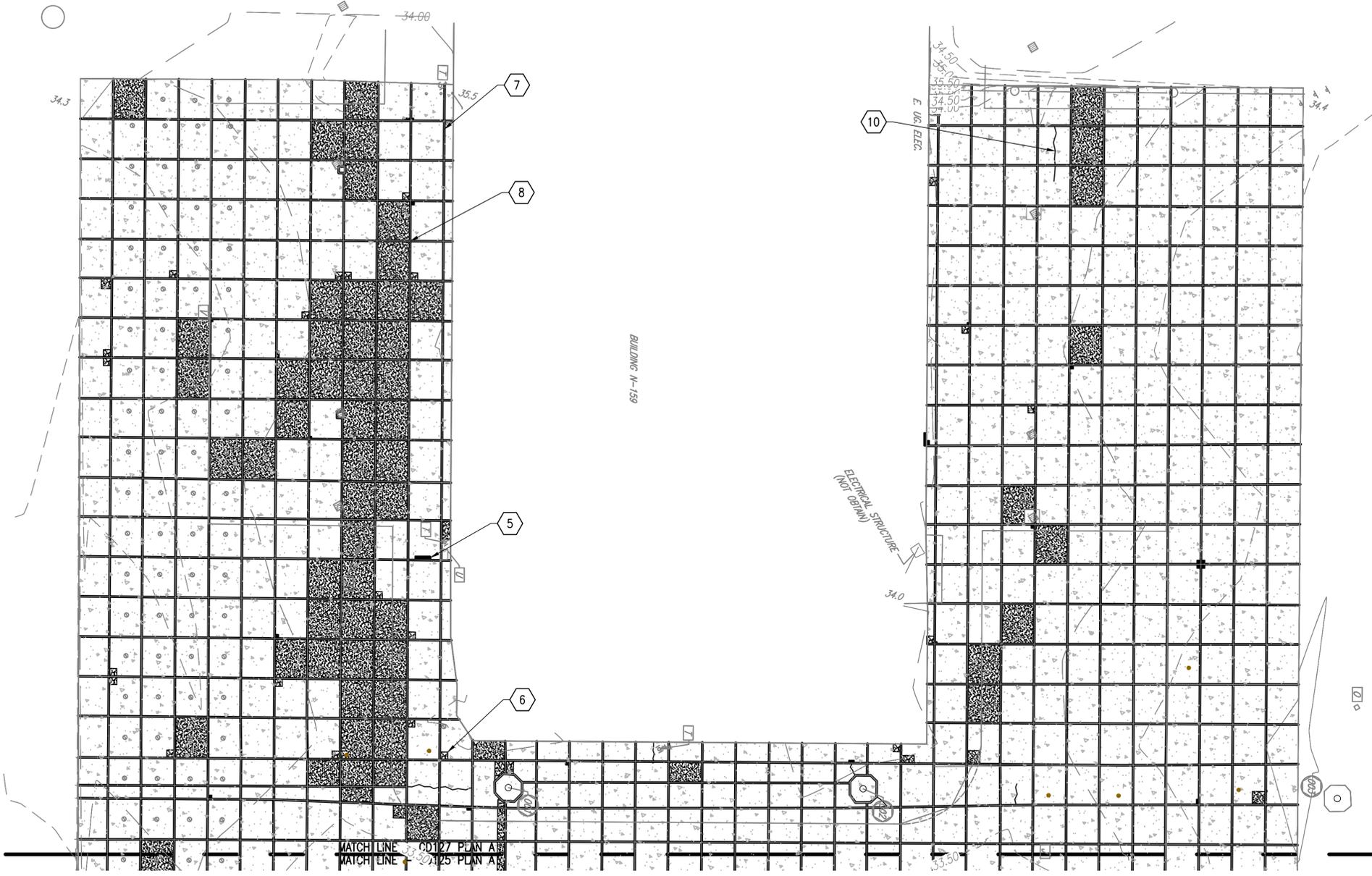
NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

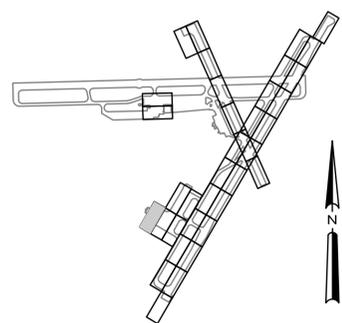
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
1" = 25' 0' 25' 50'
AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1
SCALE
1" = 25'
SHEET 38 OF 171

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
EXIST. COND. AND DEMOLITION PLAN
PROJECT NUMBER: 1368232
DRAWING NO. 17225
DR. MVT
CK. LMH
DATE:
REVISED:



A EXIST. COND. AND DEMOLITION PLAN (27 OF 37)
1" = 25'



B KEY PLAN
NTS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

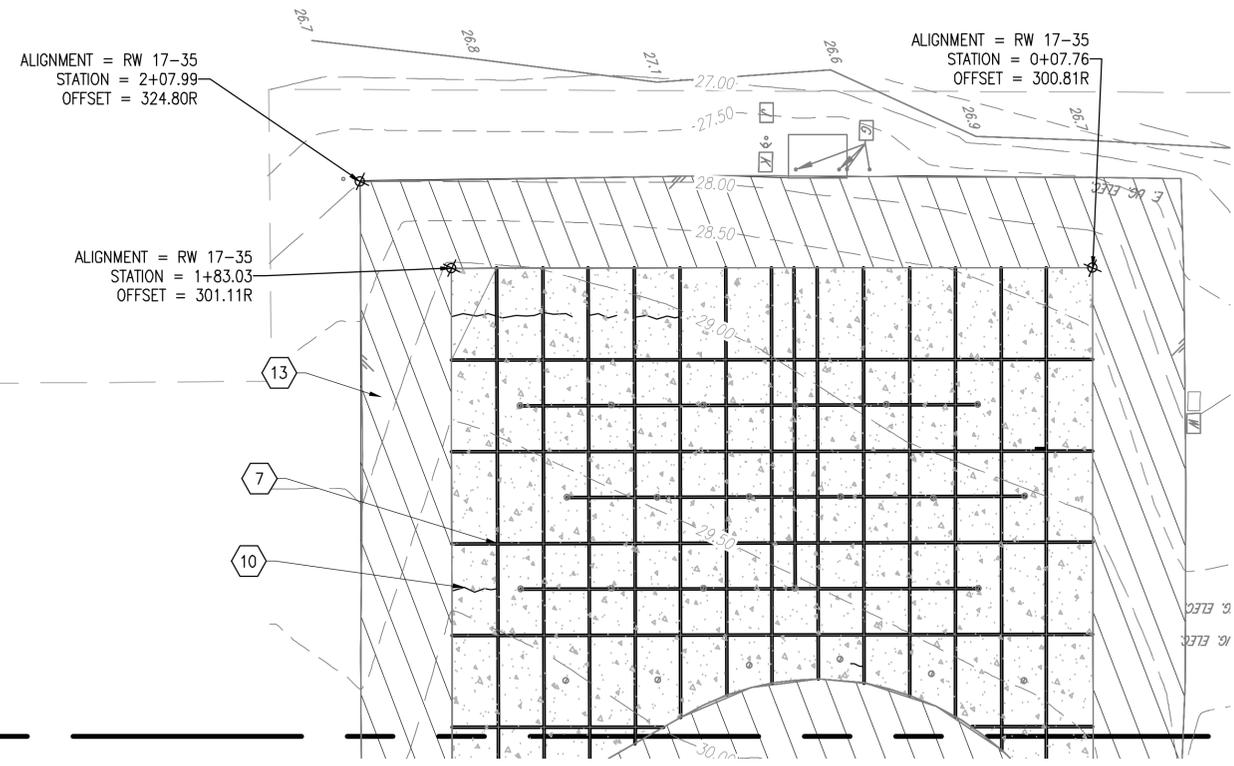
CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
1" = 25'
0' 25' 50'
AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1
SCALE
1" = 25'
SHEET 39 OF 171

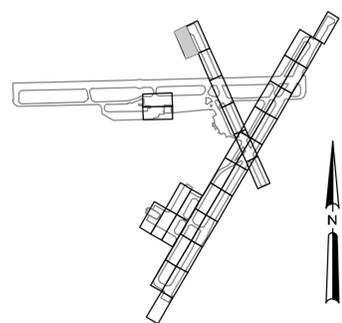
WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
EXIST. COND. AND DEMOLITION PLAN
PROJECT NUMBER: 1368232
DRAWING NO. 17226
DR. MVT
CK. LMH
DATE:
REVISED:

CD127



A EXIST. COND. AND DEMOLITION PLAN (28 OF 37)
1" = 25'

MATCH LINE = CD128 PLAN A
MATCH LINE = CD129 PLAN A



B KEY PLAN
NTS

CD128

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
Wallops Flight Facility
Wallops Island, Virginia 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER

SUBMITTED BY *[Signature]*
PROJECT MANAGER

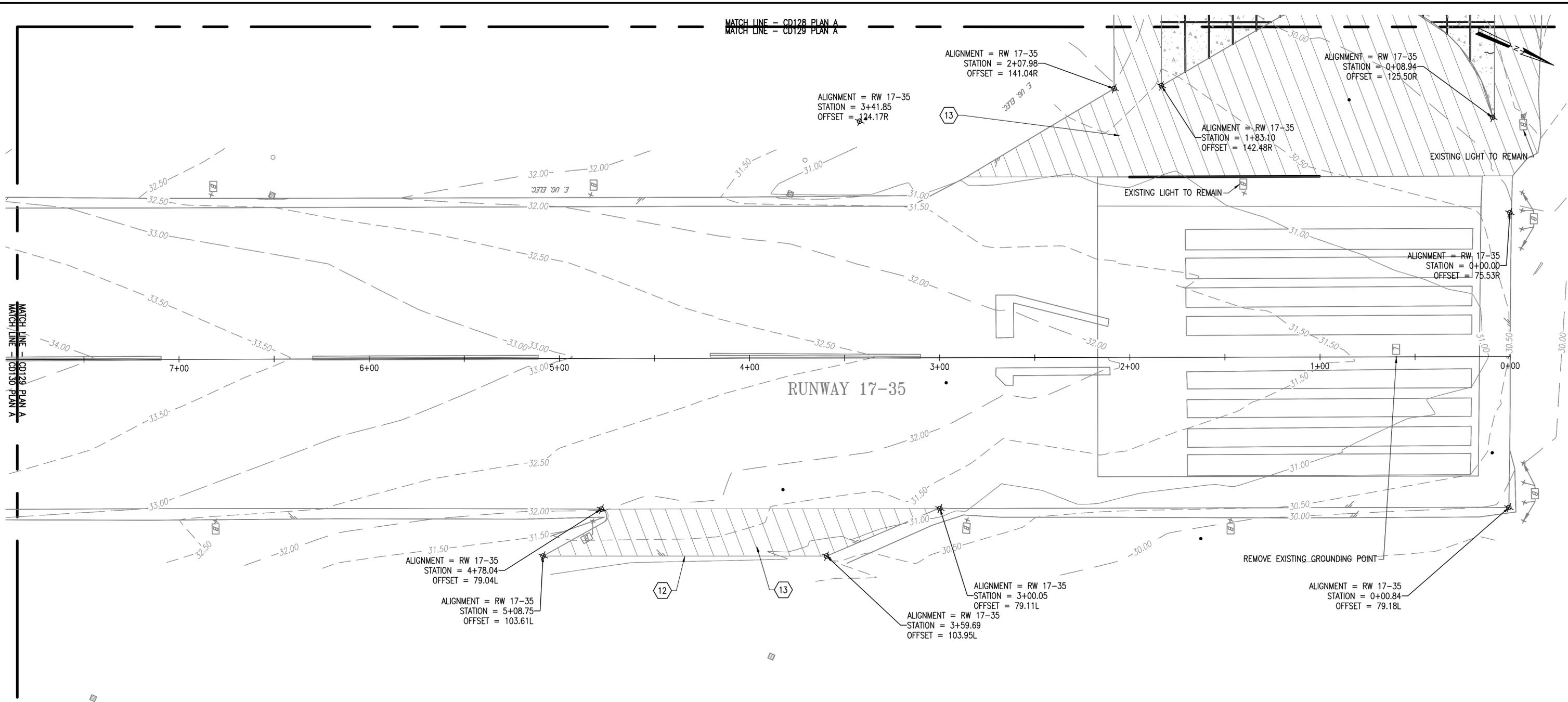
NASA SAFETY *[Signature]*
FIRE PROTECTION *[Signature]*

CONSTRUCTION MANAGEMENT *[Signature]*
O & M *[Signature]*

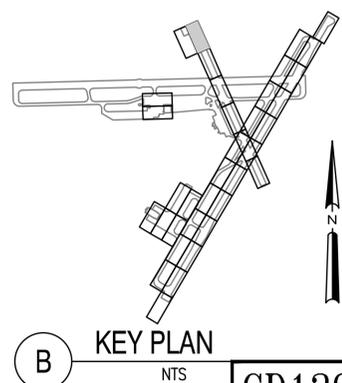
ENGINEERING APPROVAL *[Signature]*
ENGINEERING GROUP LEADER
BRANCH APPROVAL *[Signature]*
BRANCH HEAD

GRAPHIC SCALE
1" = 25' 0' 25' 50'
AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1
SCALE
1" = 25'
SHEET 40 OF 171

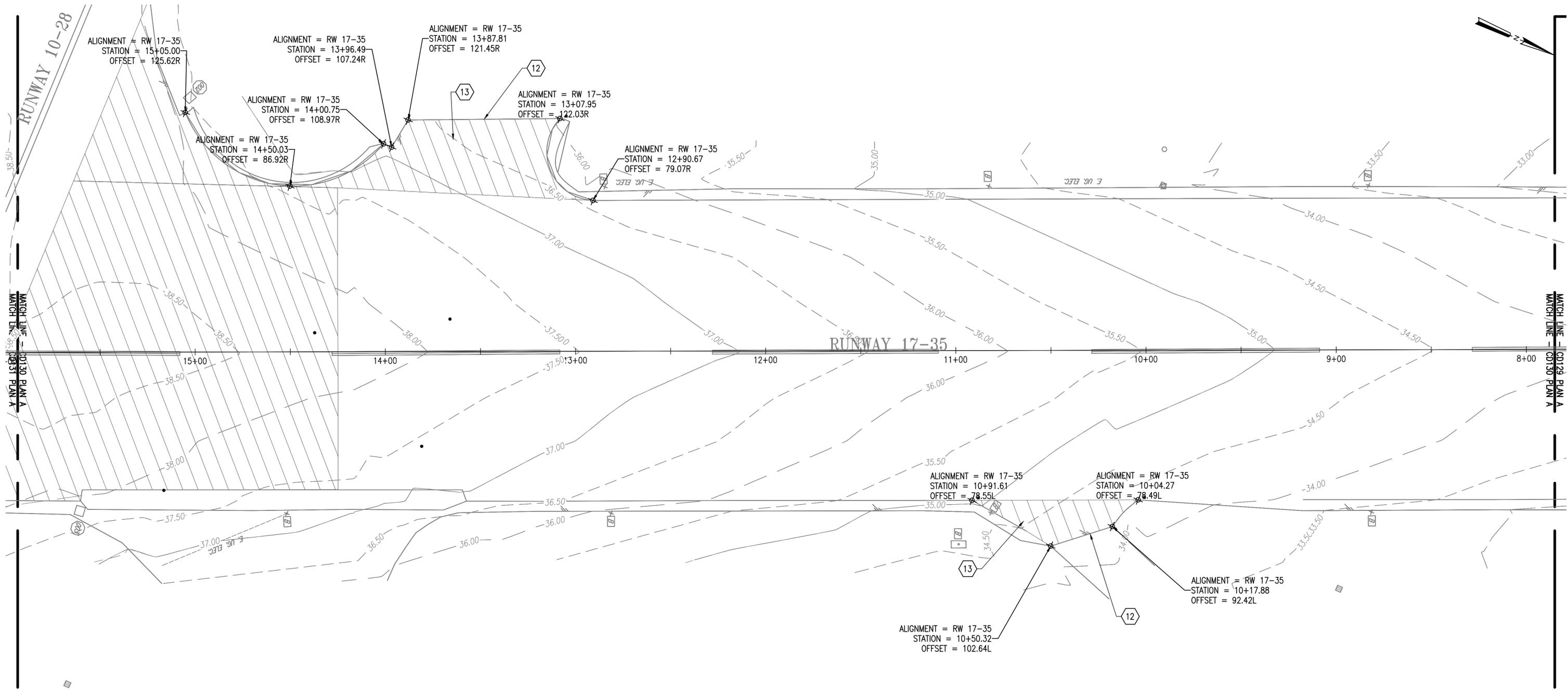
Wallops Airfield Repair Project
CoF Phase I
EXIST. COND. AND DEMOLITION PLAN
PROJECT NUMBER: 1368232
DRAWING NO. 17227
DR. TP DATE:
CK. LMH REVISIONS:



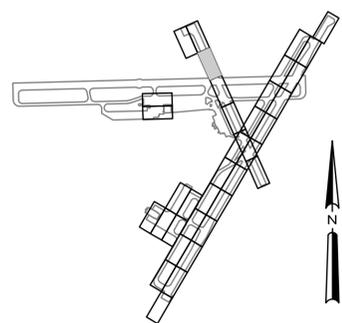
A EXIST. COND. AND DEMOLITION PLAN (29 OF 37)
1" = 25'



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GODDARD SPACE FLIGHT CENTER WALLOPS FLIGHT FACILITY WALLOPS ISLAND, VIRGINIA 23337	DATE	LET.	REVISIONS	CK.	AP.	PROJECT ENGINEER	NASA SAFETY	CONSTRUCTION MANAGEMENT	ENGINEERING APPROVAL	GRAPHIC SCALE	WALLOPS AIRFIELD REPAIR PROJECT CoF PHASE I EXIST. COND. AND DEMOLITION PLAN PROJECT NUMBER: 1368232 DR. TP DATE: CK. LMH REVISIONS:	
						SUBMITTED BY	FIRE PROTECTION	O & M	ENGINEERING GROUP LEADER	1" = 25'		DRAWING NO.
						PROJECT MANAGER			BRANCH APPROVAL	1" = 25'		17228
									BRANCH HEAD	AUTOCAD - RELEASE 2010 FILE NAME: ...1337236-CD1 SCALE 1" = 25' SHEET 41 OF 171		

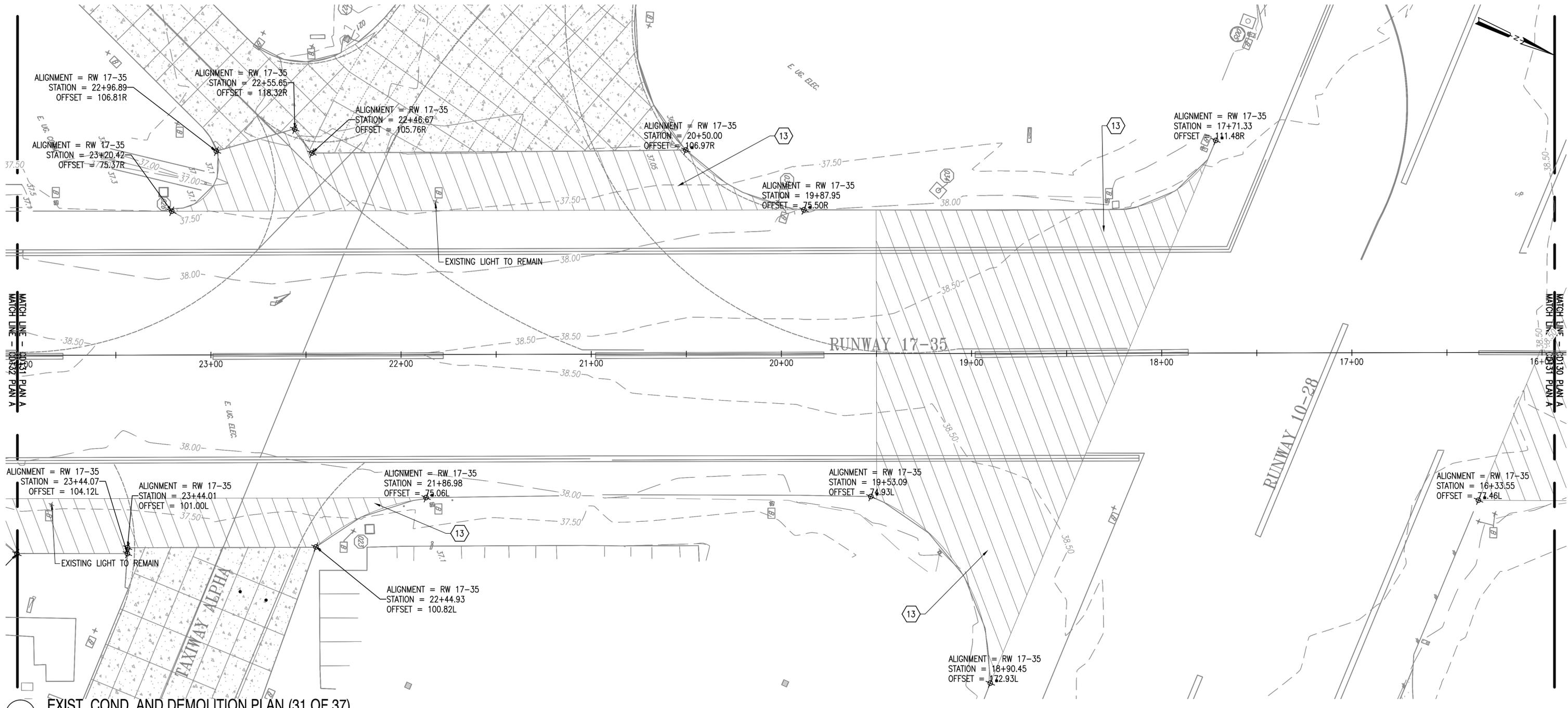


A EXIST. COND. AND DEMOLITION PLAN (30 OF 37)
1" = 25'

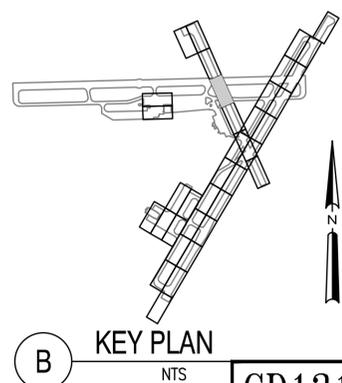


B KEY PLAN
NTS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GODDARD SPACE FLIGHT CENTER WALLOPS FLIGHT FACILITY WALLOPS ISLAND, VIRGINIA 23337		DATE	LET.	REVISIONS	CK.	AP.	PROJECT ENGINEER	NASA SAFETY	CONSTRUCTION MANAGEMENT	ENGINEERING APPROVAL	GRAPHIC SCALE 1" = 25' 0' 25' 50' 	WALLOPS AIRFIELD REPAIR PROJECT CoF PHASE I	
		SUBMITTED BY		PROJECT MANAGER		FIRE PROTECTION	O & M	BRANCH APPROVAL	BRANCH HEAD	AUTOCAD - RELEASE 2010 FILE NAME: ...1337236-CX1		SCALE 1" = 25' SHEET 42 OF 171	PROJECT NUMBER: 1368232 DR. TP CK. LMH



A EXIST. COND. AND DEMOLITION PLAN (31 OF 37)
 1" = 25'



B KEY PLAN
 NTS

CD131

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 GODDARD SPACE FLIGHT CENTER
 WALLOPS FLIGHT FACILITY
 WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
 SUBMITTED BY
 PROJECT MANAGER

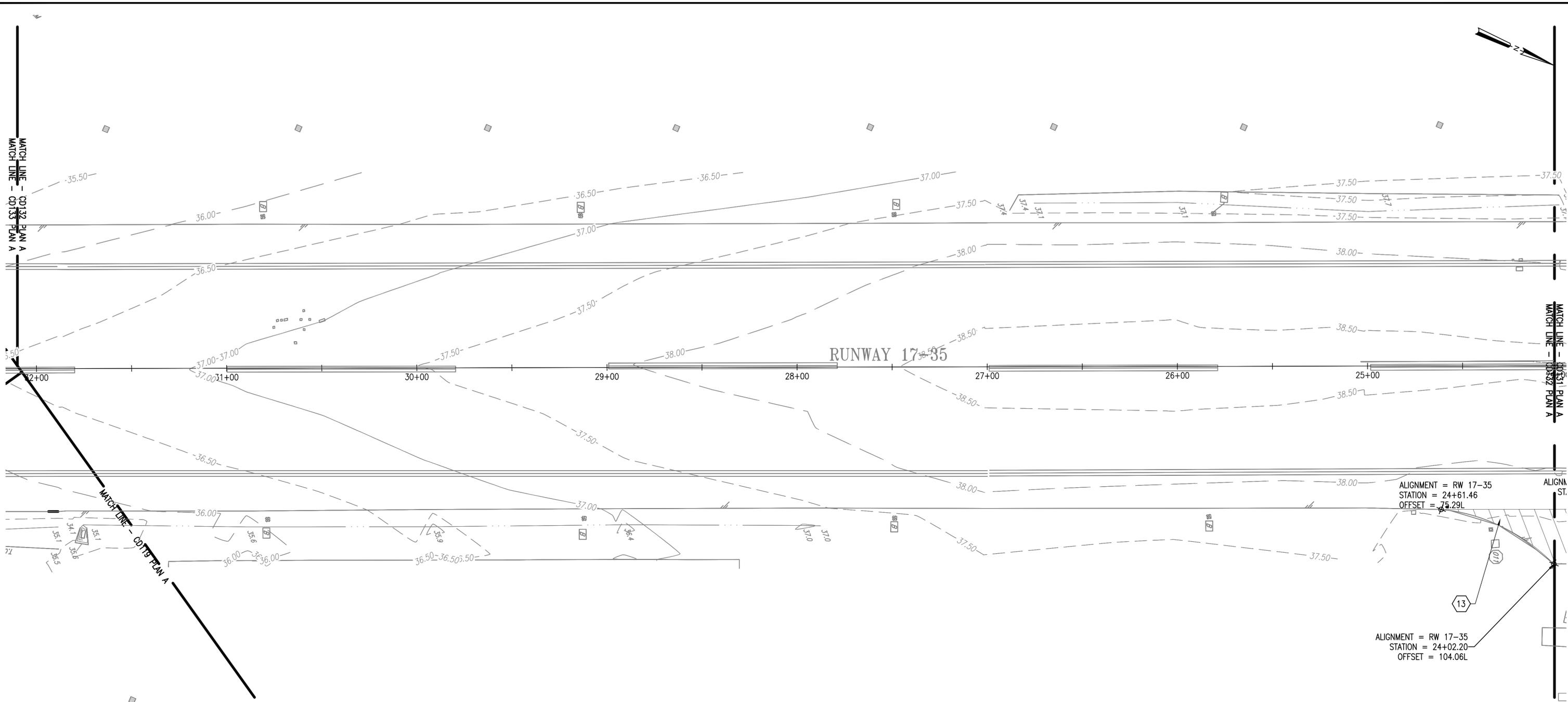
NASA SAFETY
 FIRE PROTECTION

CONSTRUCTION MANAGEMENT
 O & M

ENGINEERING APPROVAL
 ENGINEERING GROUP LEADER
 BRANCH APPROVAL
 BRANCH HEAD

GRAPHIC SCALE
 1" = 25'
 AUTOCAD - RELEASE 2010
 FILE NAME: ...1337236-CD1
 SCALE
 1" = 25'
 SHEET 43 OF 171

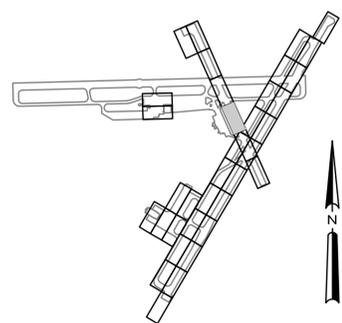
WALLOPS AIRFIELD REPAIR PROJECT
 CoF PHASE I
 EXIST. COND. AND DEMOLITION PLAN
 PROJECT NUMBER: 1368232
 DR. TP
 CK. LMH
 DATE:
 REVISIONS:
 DRAWING NO.
 17230



ALIGNMENT = RW 17-35
 STATION = 24+61.46
 OFFSET = 75.29L

ALIGNMENT = RW 17-35
 STATION = 24+02.20
 OFFSET = 104.06L

A EXIST. COND. AND DEMOLITION PLAN (32 OF 37)
 1" = 25'



B KEY PLAN
 NTS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
 GODDARD SPACE FLIGHT CENTER
 WALLOPS FLIGHT FACILITY
 WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
 SUBMITTED BY
 PROJECT MANAGER

NASA SAFETY
 FIRE PROTECTION

CONSTRUCTION MANAGEMENT
 O & M

ENGINEERING APPROVAL
 ENGINEERING GROUP LEADER
 BRANCH APPROVAL
 BRANCH HEAD

GRAPHIC SCALE
 1" = 25' 0' 25' 50'

AUTOCAD - RELEASE 2010
 FILE NAME: ...1337236-CD1

SCALE
 1" = 25'

SHEET 44 OF 171

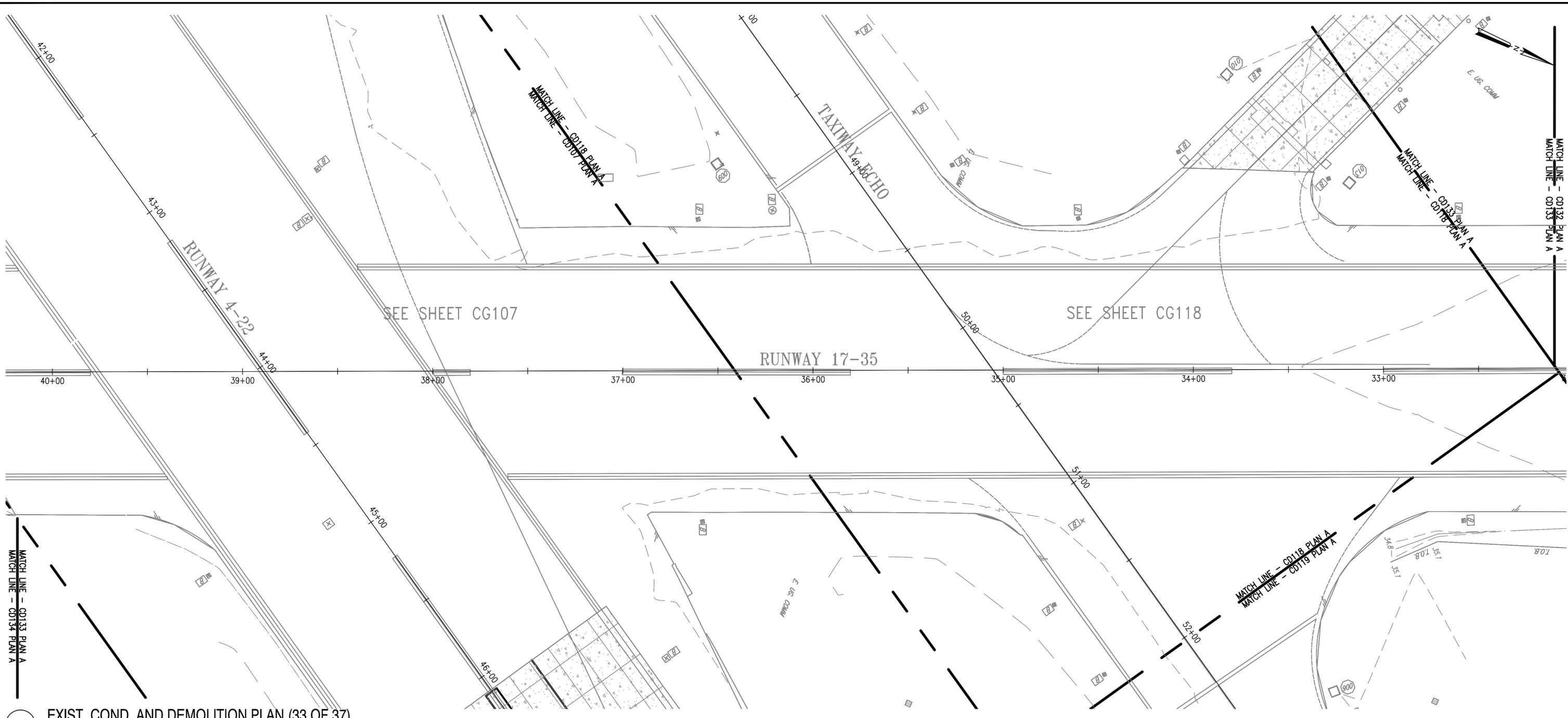
WALLOPS AIRFIELD REPAIR PROJECT
 CoF PHASE I
 EXIST. COND. AND DEMOLITION PLAN

PROJECT NUMBER: 1368232
 DR. TP
 CK. LMH

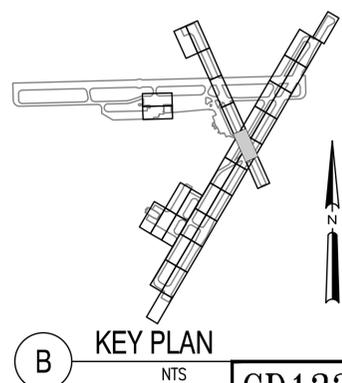
DATE:
 REVISED:

DRAWING NO.
17231

CD132



A EXIST. COND. AND DEMOLITION PLAN (33 OF 37)
1" = 25'



NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
Wallops Flight Facility
Wallops Island, Virginia 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
1" = 25'
0' 25' 50'

AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1

SCALE
1" = 25'
SHEET 45 OF 171

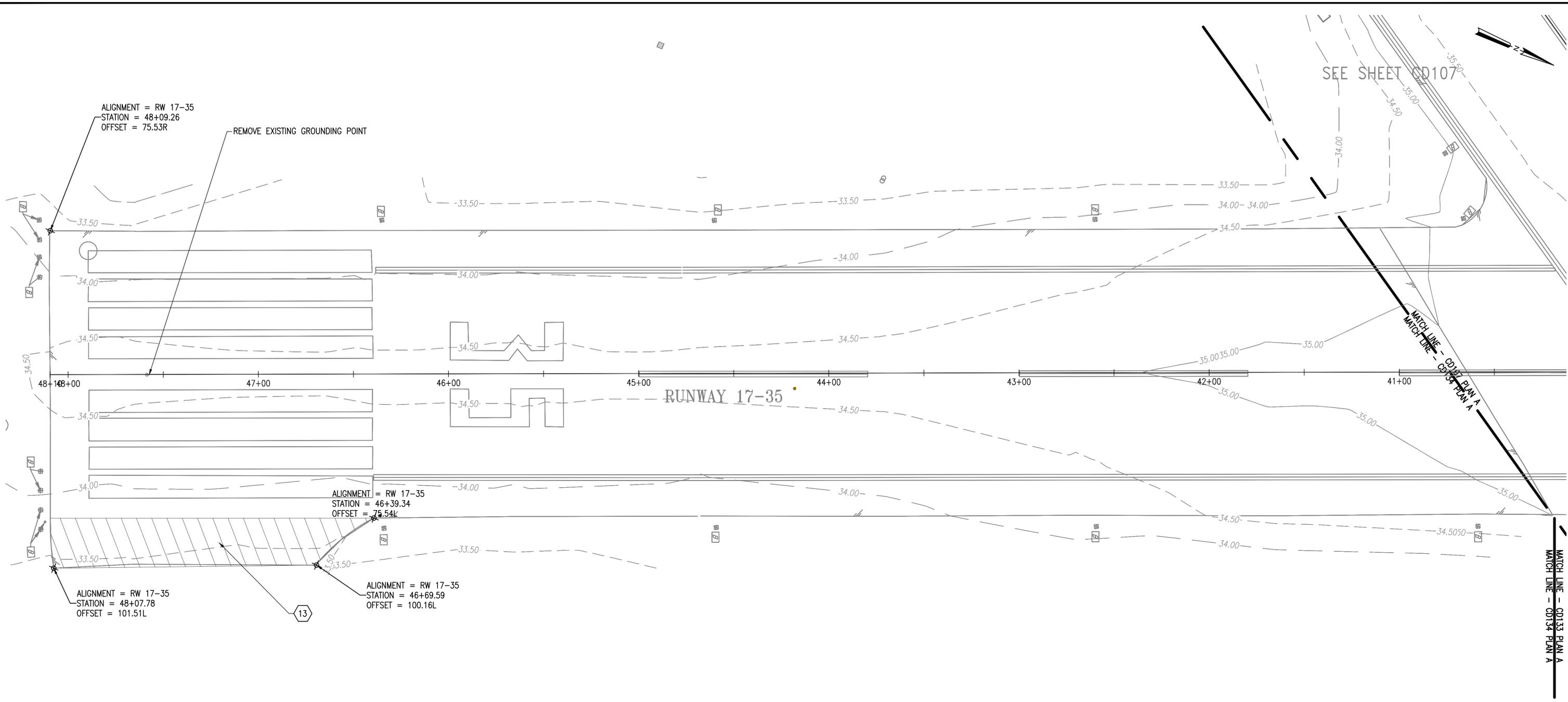
Wallops Airfield Repair Project
CoF Phase I
EXIST. COND. AND DEMOLITION PLAN

PROJECT NUMBER: 1368232
DR. TP
CK. LMH

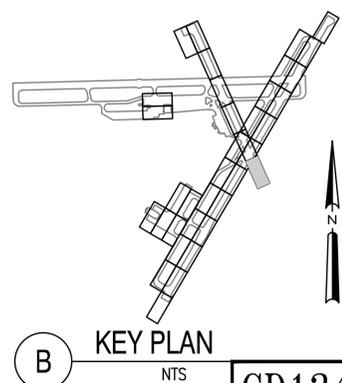
DATE:
REVISED:

DRAWING NO.
17232

CD133



A EXIST. COND. AND DEMOLITION PLAN (34 OF 37)
1" = 25'



CD134

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GODDARD SPACE FLIGHT CENTER
WALLOPS FLIGHT FACILITY
WALLOPS ISLAND, VIRGINIA 23337



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

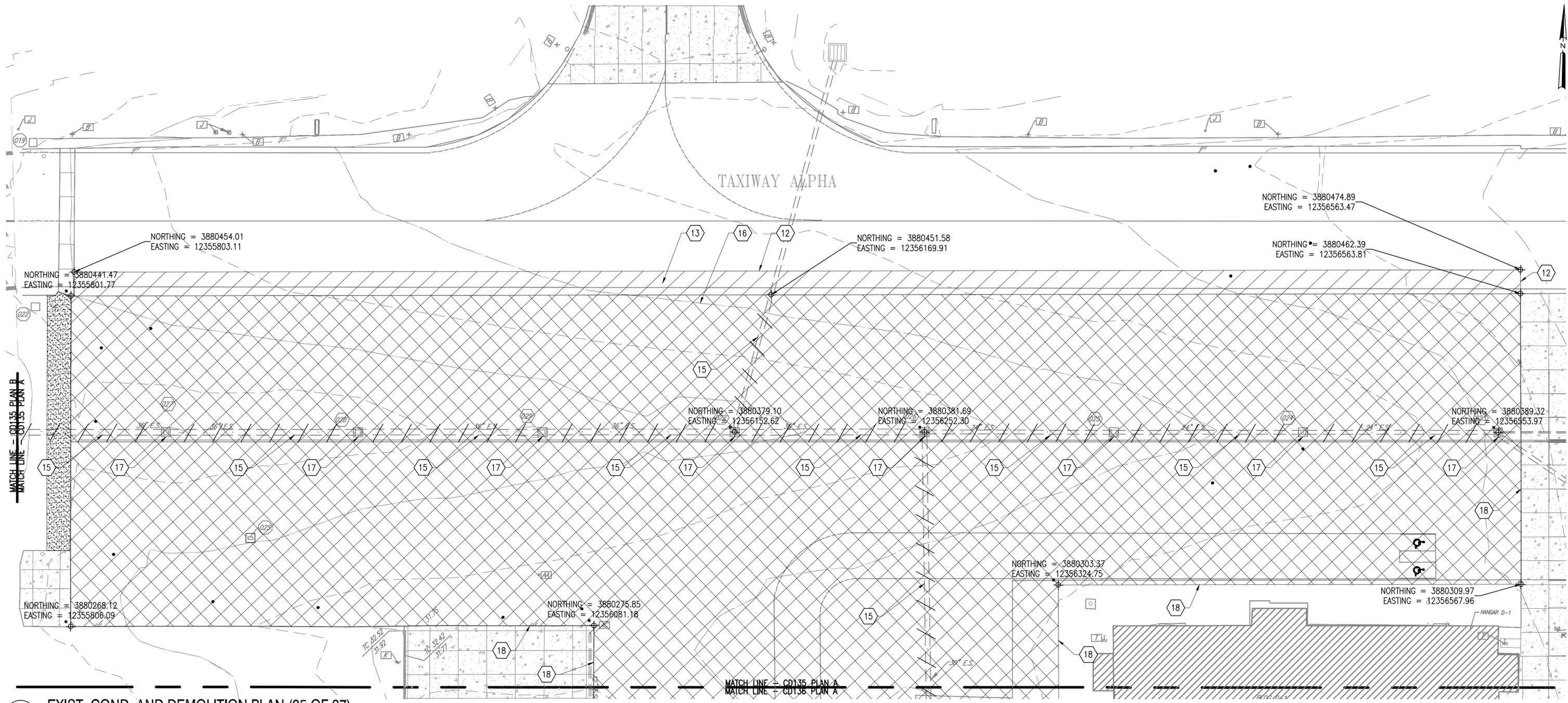
NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

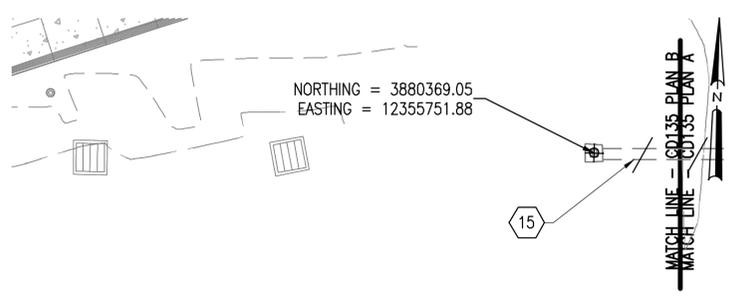
ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
1" = 25'
AUTOCAD - RELEASE 2010
FILE NAME: ...1337236-CD1
SCALE
1" = 25'
SHEET 46 OF 171

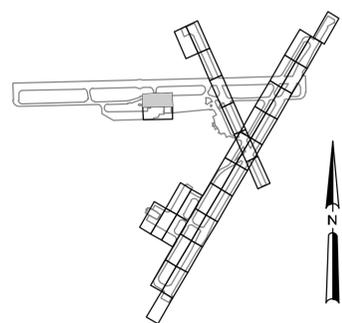
WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
EXIST. COND. AND DEMOLITION PLAN
PROJECT NUMBER: 1368232
DRAWING NO. 17233
DR. TP
CK. LMH
DATE:
REVISED:



A EXIST. COND. AND DEMOLITION PLAN (35 OF 37)
1" = 25'

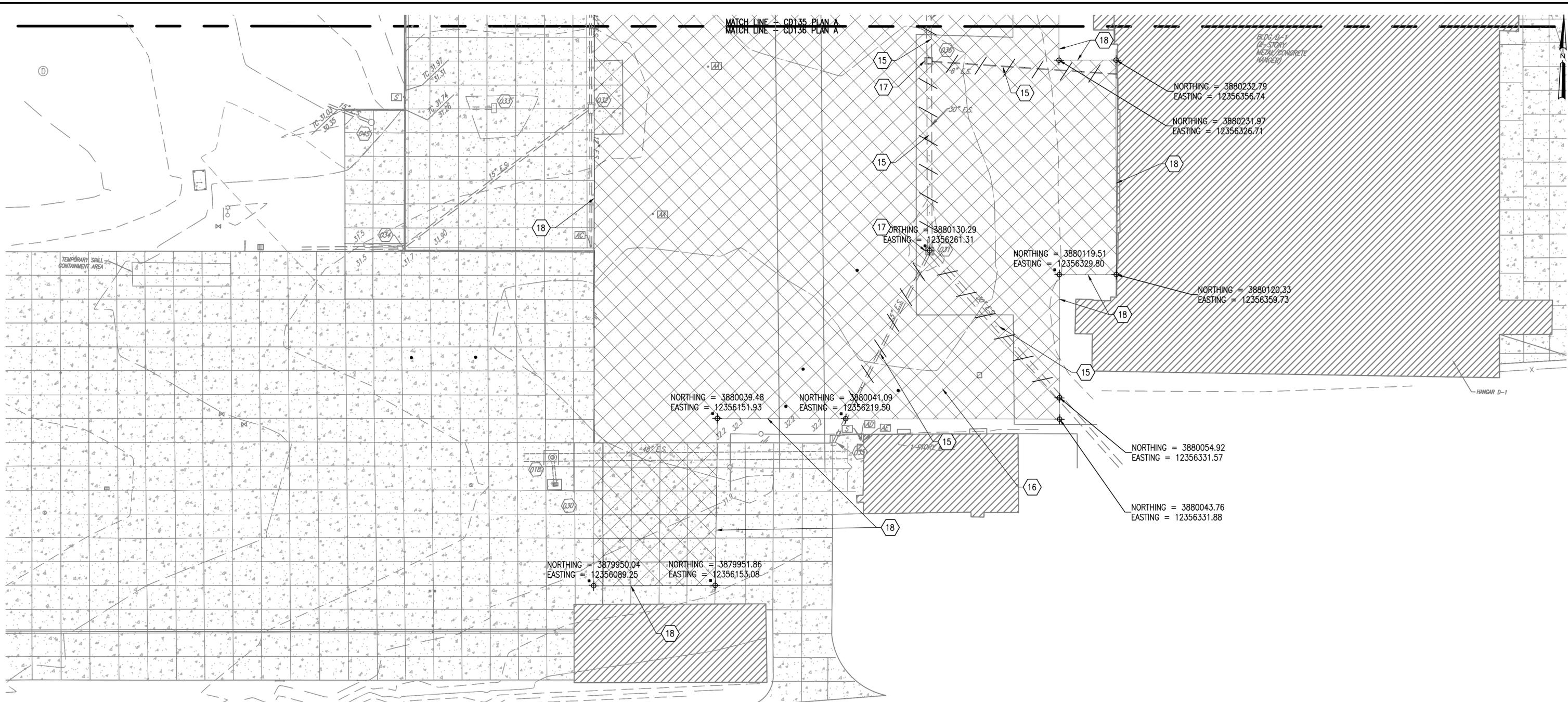


B EXIST. COND. AND DEMOLITION PLAN (36 OF 37)
1" = 25'

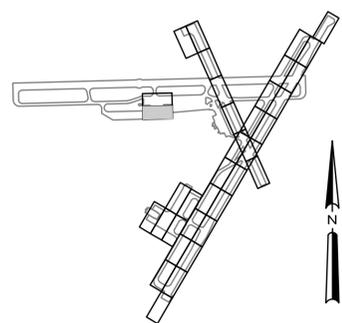


C KEY PLAN
NTS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GODDARD SPACE FLIGHT CENTER WALLOPS FLIGHT FACILITY WALLOPS ISLAND, VIRGINIA 23337		DATE	LET.	REVISIONS	CK.	AP.	PROJECT ENGINEER	NASA SAFETY	CONSTRUCTION MANAGEMENT	ENGINEERING APPROVAL	GRAPHIC SCALE	WALLOPS AIRFIELD REPAIR PROJECT CoF PHASE I EXIST. COND. AND DEMOLITION PLAN	
									<i>Julius C. Roberts</i> PROJECT MANAGER	<i>Julius C. Roberts</i> FIRE PROTECTION	<i>Nick Clayton</i> O & M	<i>Shawn D. Kelly</i> BRANCH HEAD	1" = 25' 0' 25' 50' 1" = 25'



A EXIST. COND. AND DEMOLITION PLAN (37 OF 37)
1" = 25'



B KEY PLAN
NTS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION GODDARD SPACE FLIGHT CENTER WALLOPS FLIGHT FACILITY WALLOPS ISLAND, VIRGINIA 23337		DATE	LET.	REVISIONS	CK.	AP.	PROJECT ENGINEER	NASA SAFETY	CONSTRUCTION MANAGEMENT	ENGINEERING APPROVAL	GRAPHIC SCALE 1" = 25' 0' 25' 50' 1" = 25'	WALLOPS AIRFIELD REPAIR PROJECT CoF PHASE I	
		SUBMITTED BY		PROJECT MANAGER		FIRE PROTECTION	O & M	BRANCH APPROVAL	BRANCH HEAD	AUTOCAD - RELEASE 2010 FILE NAME: ...1337236-CD1		SCALE 1" = 25' SHEET 48 OF 171	PROJECT NUMBER: 1368232 DR. STH CK. LMH

CLOSURE MARKER NOTES

- COLOR SHALL BE YELLOW. MATERIAL SHALL BE EASILY REMOVABLE AND NOT PAINT. PROVIDE MIN. 6" BLACK BORDER IF REQUIRED TO ENHANCE VISIBILITY.
- FOR 8,000' LONG CLOSURE USE 3, FOR A 12,000' LONG CLOSURE USE 4. REFER TO NAVAIR 51-50AAA-1 FOR FURTHER GUIDANCE.
- CLOSURE MARKERS MUST BE TURNED OVER TO THE CONTRACTING OFFICER AT PROJECT COMPLETION.

LOW PROFILE BARRICADE

- BARRICADE SHALL BE CONSTRUCTED OF HIGH IMPACT, UV-RESISTANT POLYETHYLENE.
- EACH UNIT SHALL INCLUDE STANDARD 3-WAY LIGHT, AND HIGH REFLECTIVE TAPE.
- BARRICADES SHALL ALTERNATE FROM WHITE TO ORANGE. HIGH REFLECTIVE TAPE SHALL BE WHITE ON ORANGE BARRICADES AND ORANGE ON WHITE BARRICADES.

PARALLEL SAWED JOINT NOTES

- PRIOR TO INITIAL SAWCUT, CONTRACTOR MUST CONFIRM LIMITS OF PAVEMENT REMOVAL WITH CONTRACT OFFICER. UPON COMPLETION OF PAVEMENT REMOVAL THE CONTRACTOR AND CONTRACT OFFICER MUST INSPECT EDGE OF PAVEMENT TO REMAIN.
- INITIAL SAWCUT MUST BE ALONG EDGE OF JOINT SEALANT RESERVOIR TO REMAIN. WHERE EXISTING JOINT DOES NOT EXIST, NO OVER SAW SHALL BE ALLOWED.
- SECOND SAWCUT MUST BE PARALLEL TO AND OFFSET 24 INCHES FROM THE INITIAL SAWCUT.
- A THIRD SAWCUT MAY BE REQUIRED IN THE EVENT A KEYED JOINT STILL REMAINS.
- ALL SAWCUTS MUST BE PLUM, STRAIGHT, AND FULL DEPTH OF PAVEMENT.

FOD GRATE NOTE

- AS PART OF THE CONTRACTOR'S VEHICLE FOD CONTROL, POSITION ONE FOD GRATE AT EACH ACCESS POINT ON TO THE FLIGHT LINE AND BASE ROAD SYSTEMS. THE CONTRACTOR AND ALL SUBCONTRACTORS MUST DRIVE VEHICLES OVER THE FOD GRATE IMMEDIATELY PRIOR TO ENTERING THE BASE ROAD SYSTEM TO DISLODGE STONES, ROCKS, AND OTHER POTENTIAL FOD FROM THE VEHICLES.
- WHERE SEDIMENT IS TRANSPORTED ONTO PAVEMENTS, THE ROAD MUST BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT MUST BE REMOVED FROM THE PAVEMENT BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA.
- FOD GRATES MUST BE TURNED OVER TO THE CONTRACTING OFFICER AT PROJECT COMPLETION.

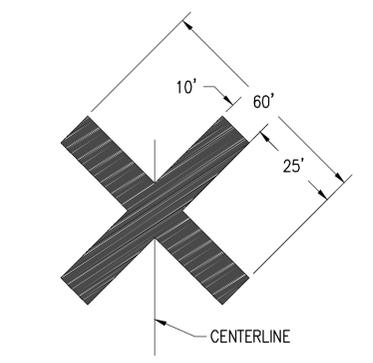
DEBRIS BARRIER

- DEBRIS BARRIERS MUST BE CONSTRUCTED OF HIGH IMPACT, UV-RESISTANT POLYETHYLENE AND WATER FILLED.
- DEBRIS BARRIER SHALL BE WRAPPED WITH SILT FENCE MATERIAL ON SIDE FACING WORK AREA.
- 50 DEBRIS BARRIERS MUST BE TURNED OVER TO THE CONTRACTING OFFICER AT PROJECT COMPLETION.

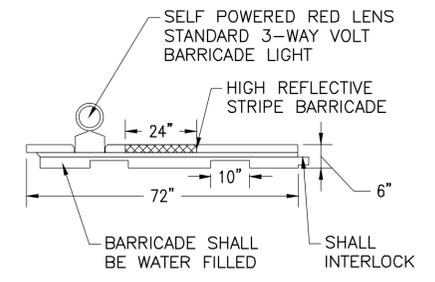
ABANDONED FIXTURE REMOVAL

- PRIOR TO OVERLAY OR RESURFACING SAWCUT 3 INCHES BEYOND OUTER EDGE OF EXISTING HANDHOLE RIM AND REMOVE EXISTING HANDHOLE AND CONCRETE ENCASUREMENT. PROVIDE AC TO FILL HOLE.
- COMPACT NEW AC IN 2.5 INCH THICK MAX LIFTS.

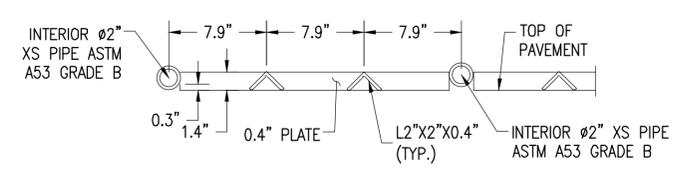
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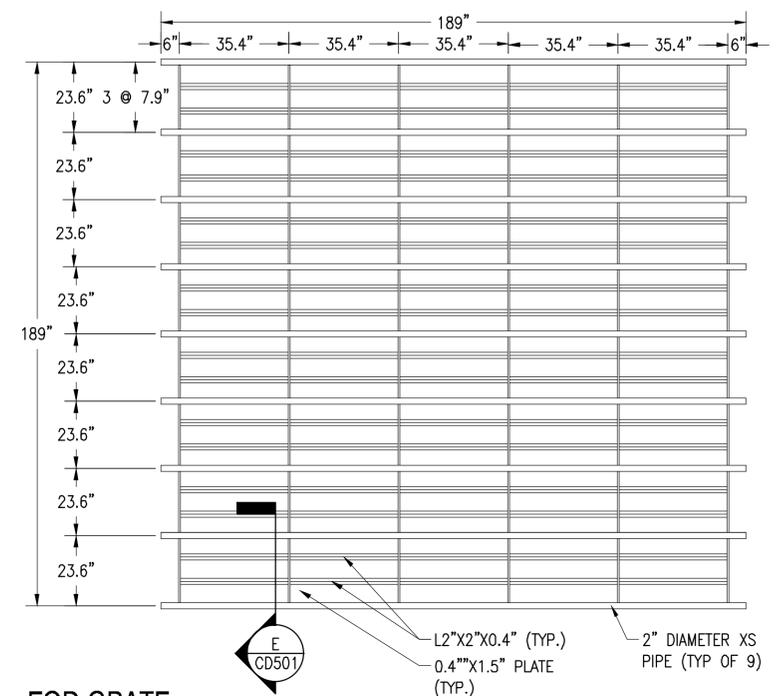
A CLOSURE MARKING
NTS



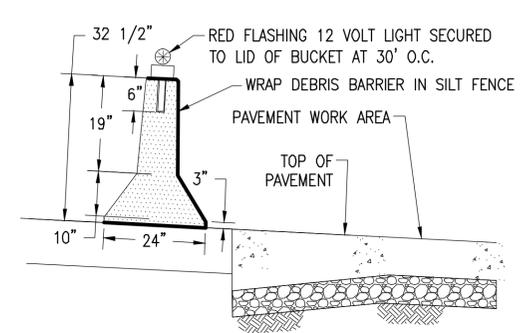
C LOW PROFILE BARRICADE
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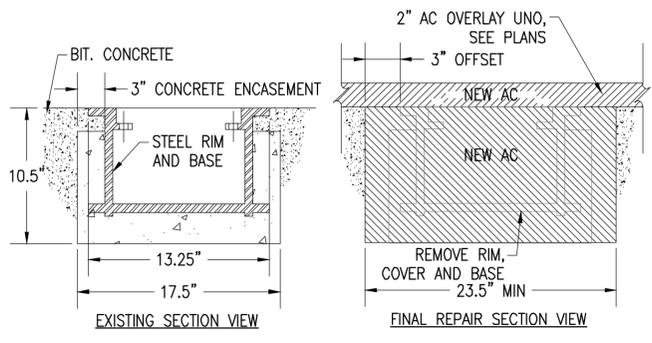
E FOD GRATE SECTION
NTS



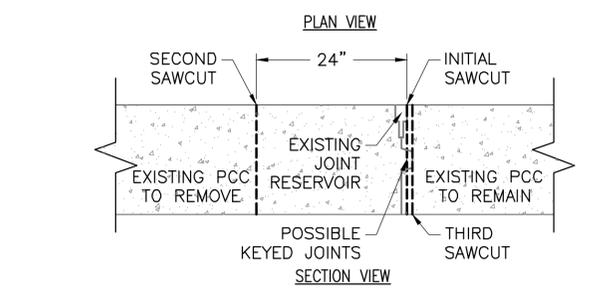
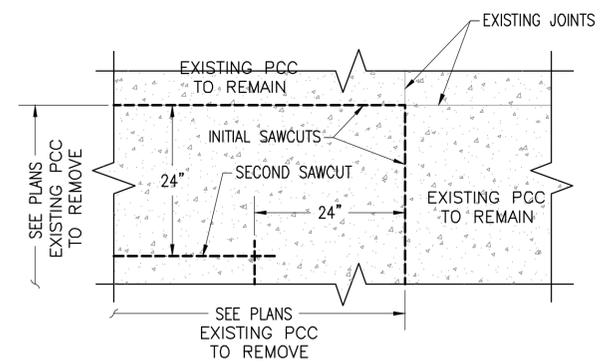
F FOD GRATE
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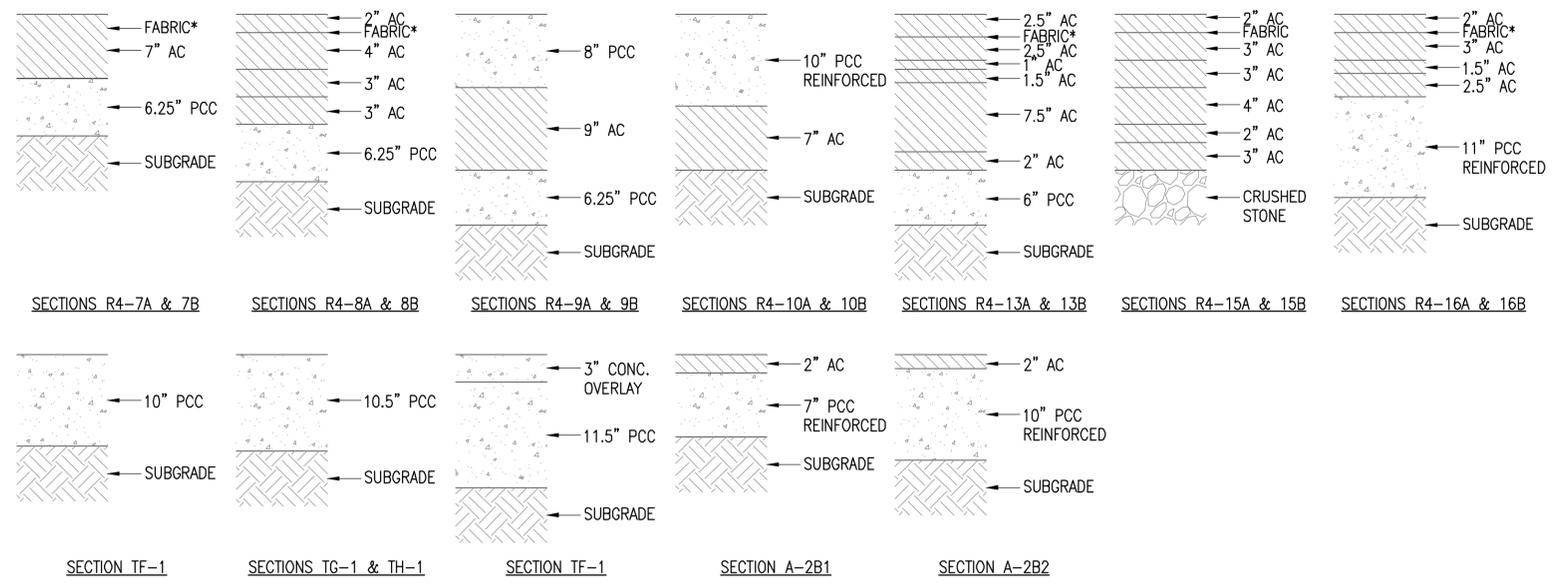
B DEBRIS BARRIER
NTS



H ABANDONED FIXTURE REMOVAL
NTS



D PARALLEL SAWED JOINT
NTS



G EXISTING PAVEMENT SECTIONS
NTS



DATE	LET.	REVISIONS	CK.	AP.

PROJECT ENGINEER
SUBMITTED BY
PROJECT MANAGER

NASA SAFETY
FIRE PROTECTION

CONSTRUCTION MANAGEMENT
O & M

ENGINEERING APPROVAL
ENGINEERING GROUP LEADER
BRANCH APPROVAL
BRANCH HEAD

GRAPHIC SCALE
NOT TO SCALE
AUTOCAD - RELEASE 2010
FILE NAME: '1-1368232-CD5

WALLOPS AIRFIELD REPAIR PROJECT
CoF PHASE I
DEMOLITION DETAILS
PROJECT NUMBER: 1368232
DRAWING NO. 17236
SHEET 49 OF 171